# Contents







# INTRODUCTION TO ORIGAMI 4

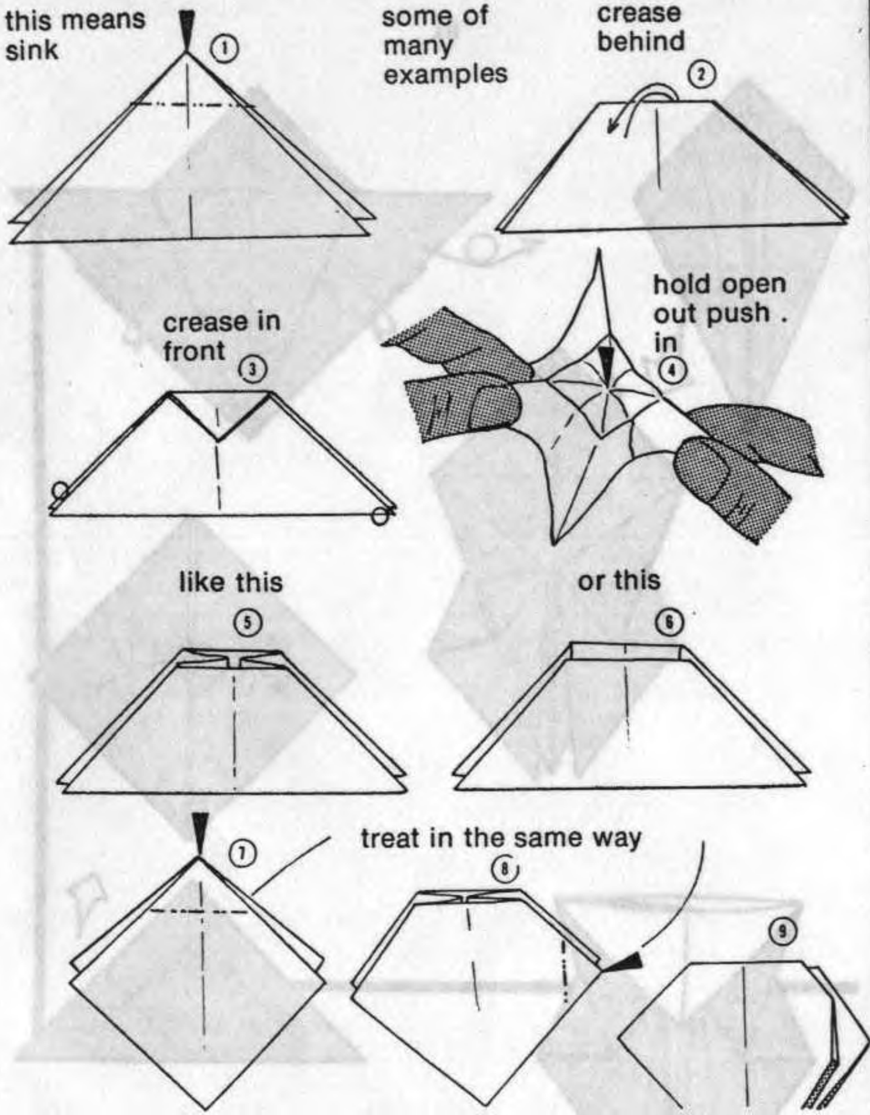
With the preparation of each new volume in the *Origami* series, Robert Harbin provides us with an opportunity to look at the changing origami scene and take stock. What, then, has been happening since the publication of *Origami 3* in 1972?

Firstly, within a month or two of that book's appearance, the Japanese folder Akira Yoshizawa made a government sponsored visit to Britain and provided British folders with a chance to study a Japanese master at work. More of that later.

The following year saw the birth in Japan of the Nippon Origami Association, a body which subsequently organised the *First International Origami World Fair* which was held in Kyoto in 1976. Contributors to this book were among the folders from many nations whose work could be seen there.

In 1973, too, several courses in origami were started for the first time at Institutes of Adult Education in Britain, the first being organised by Mick Guy in Birmingham. Another 'first' of that year was the animated origami sequence, designed by Robert Harbin, which formed part of the television play, *Tobias and the Angel,* screened on BBC TV during Christmas week. This specialised use of origami had been seen in Japan previous-

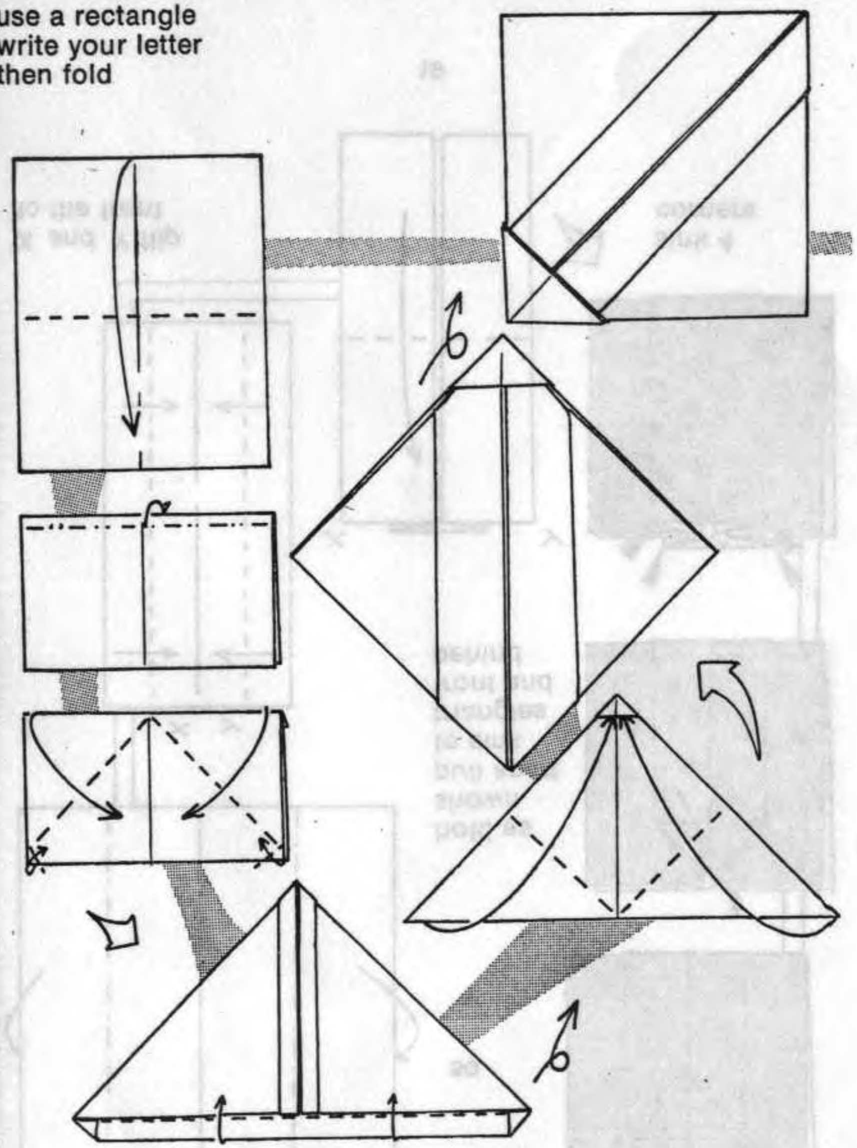
# **Procedures** Sinking





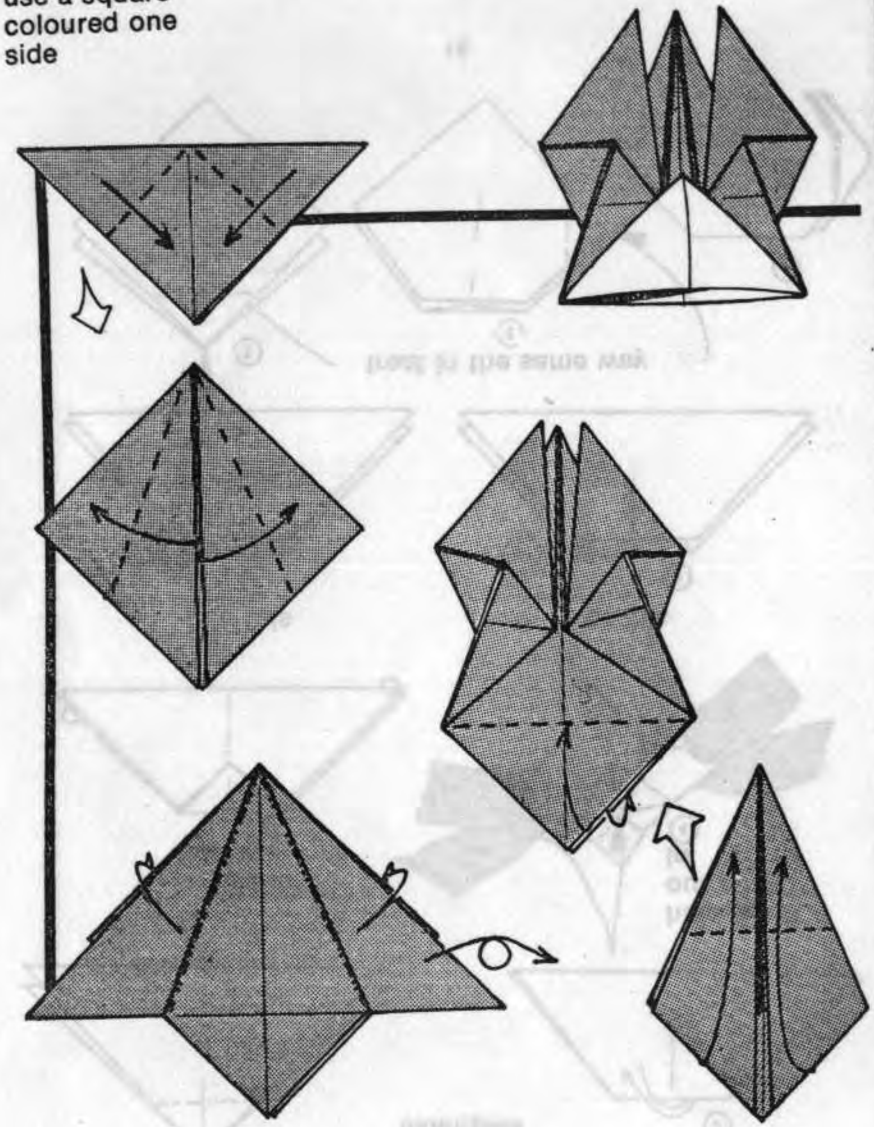

# **Letter Fold** Guiseppe Baggi Italy

use a rectangle
write your letter
then fold



## **Carnival Hat** Robert Harbin Gt. Britain

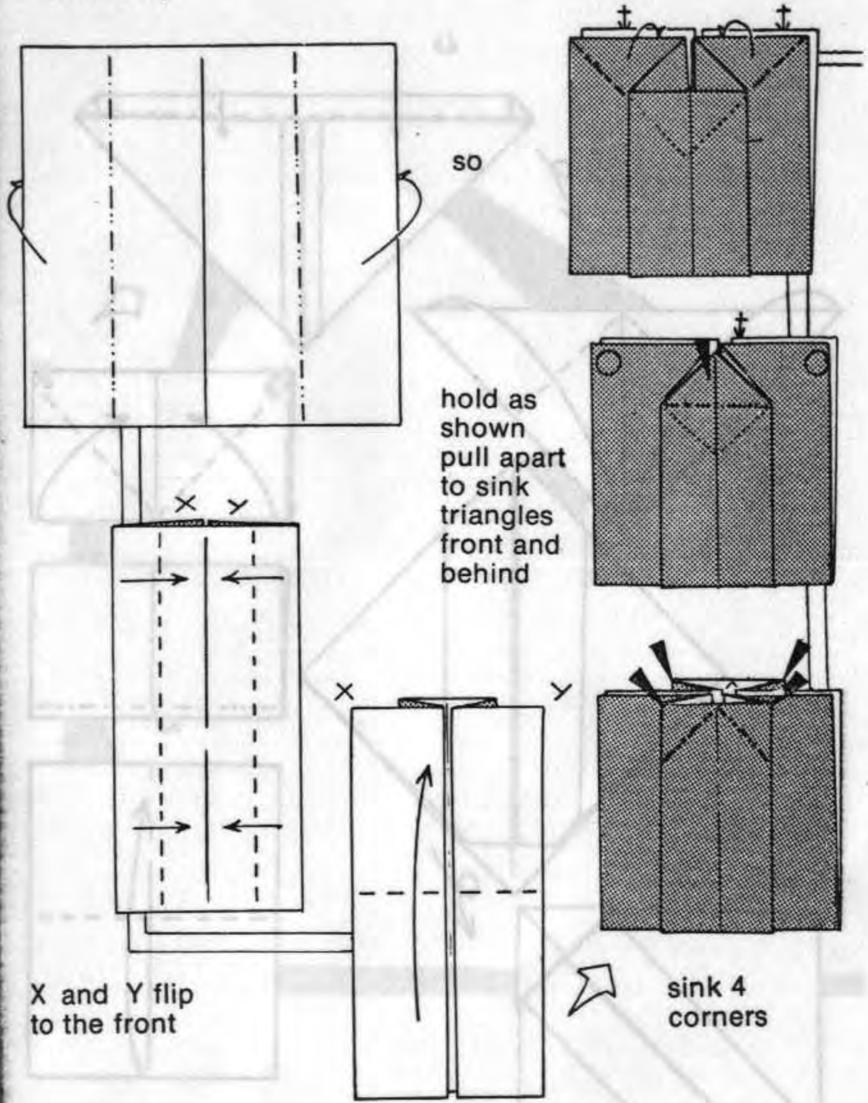
use a square coloured one side





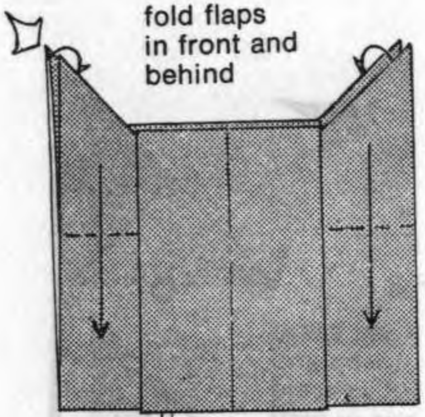
## **Dish** Eric Kenneway An Exercise Gt. Britain

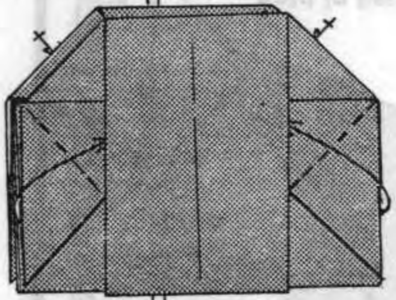
white side up



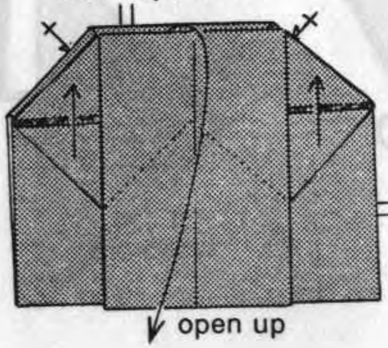
# **Dish** continued Watch those Symbols

fold flaps in front and behind

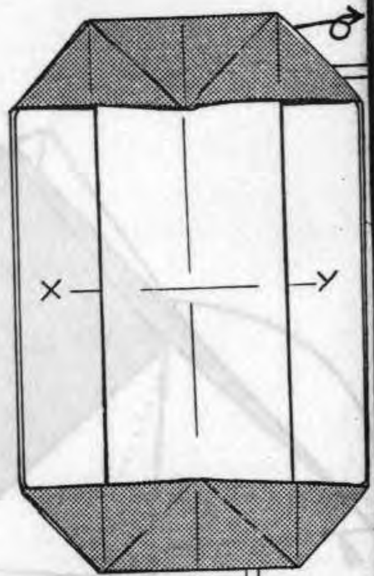


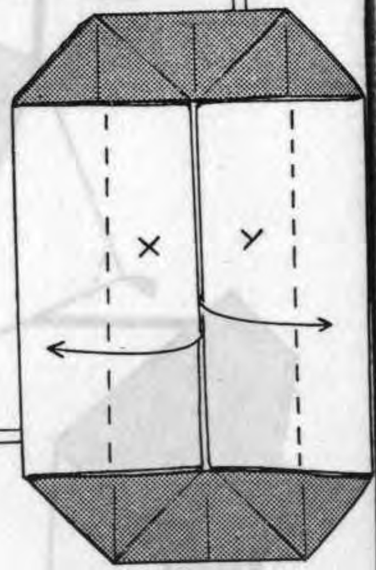


fold flaps under



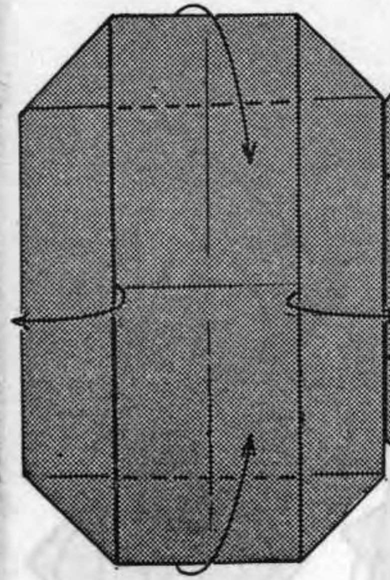
open up



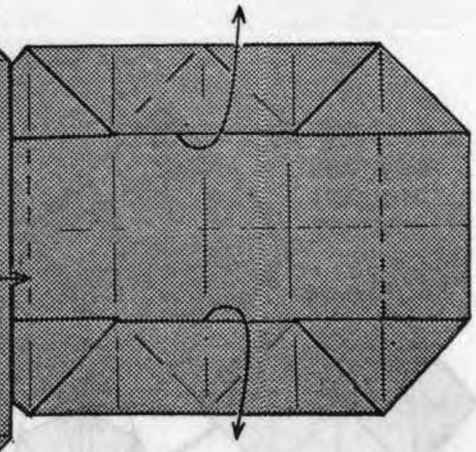





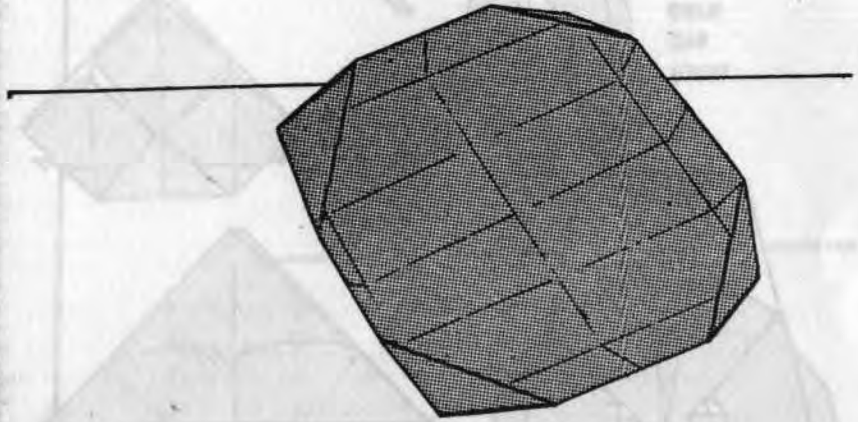

# **Dish** concluded Very Strong Model



open up and flatten

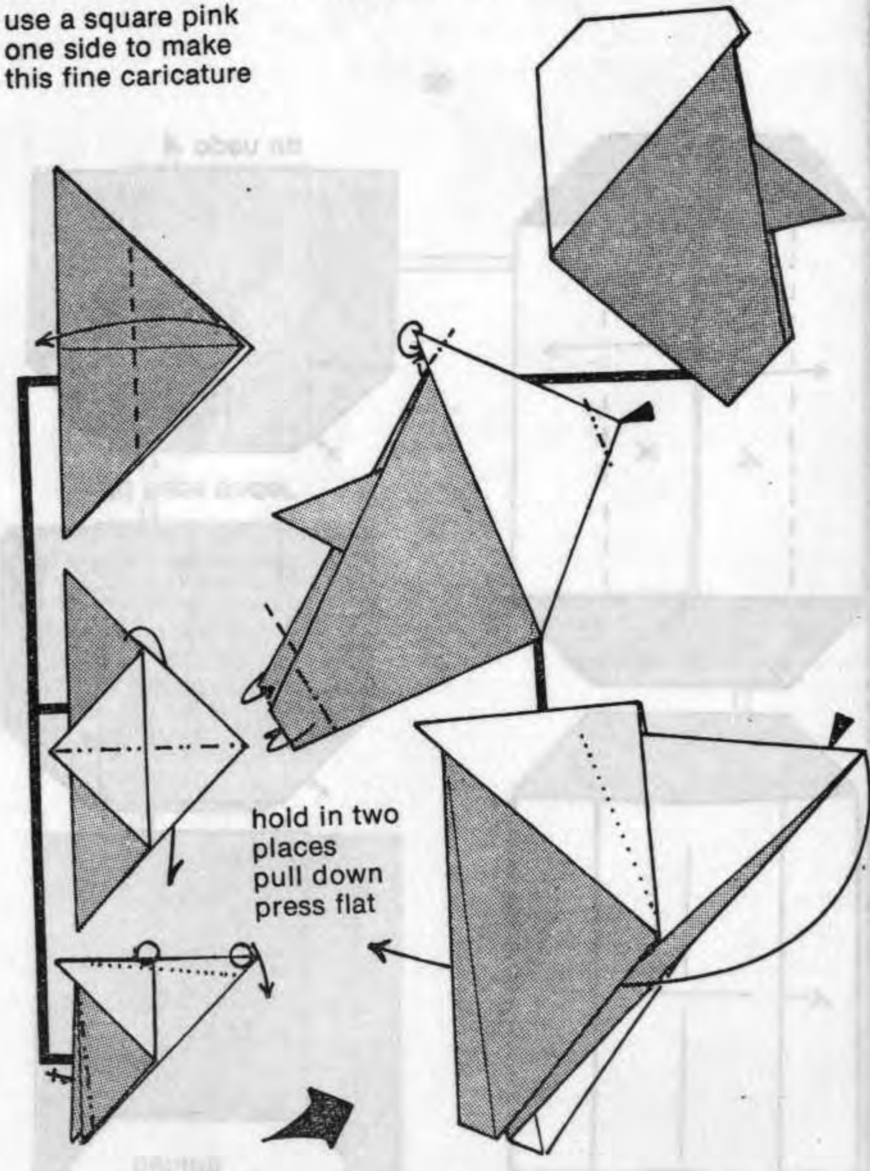


so then open up again



## **Ted Heath** Eric Kenneway — Gt. Britain

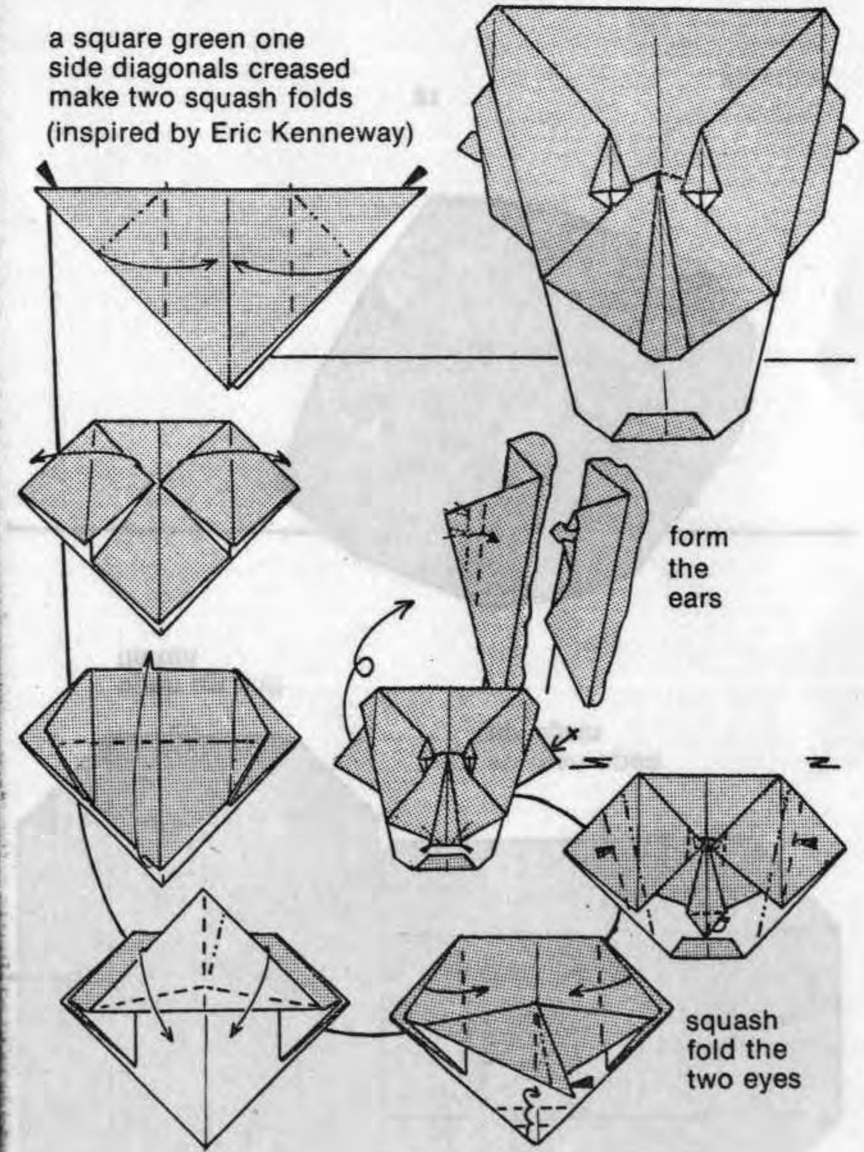
use a square pink
one side to make
this fine caricature





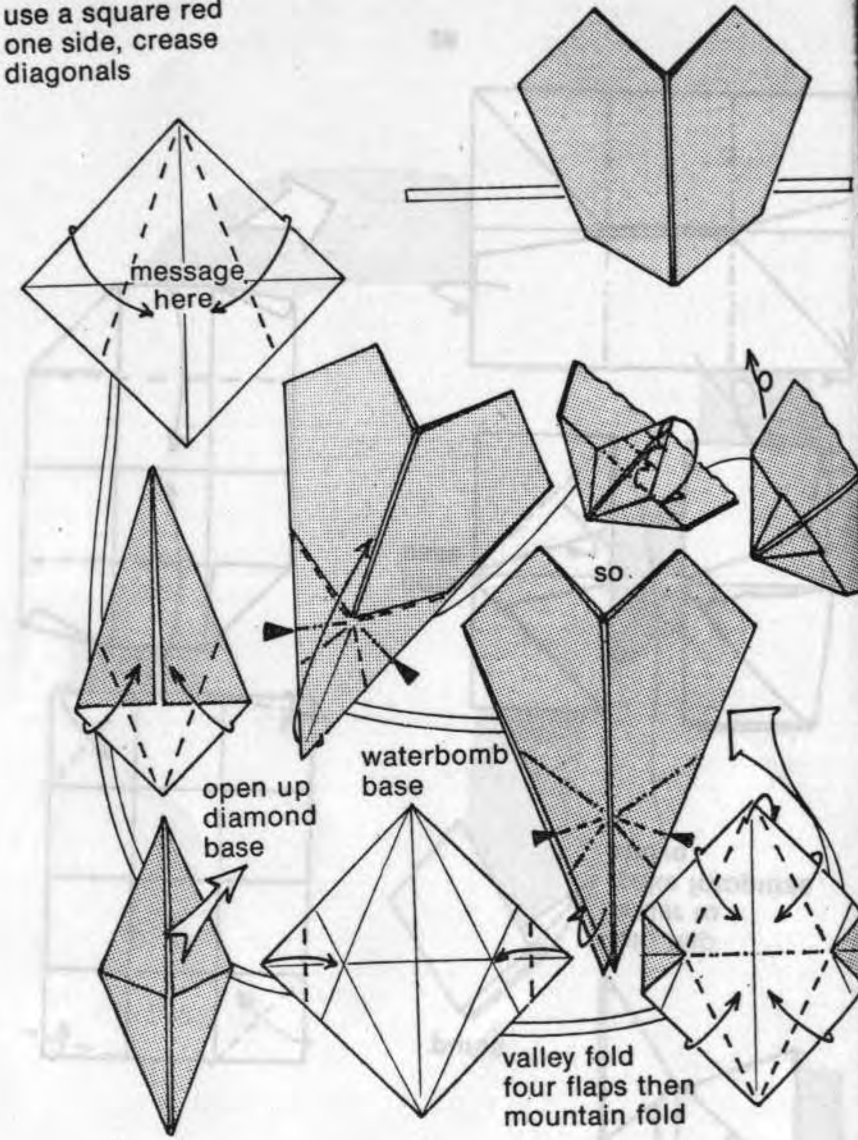

## **Man from Mars** Albert W. Allen — U.S.A.

a square green one
side diagonals creased
make two squash folds
(inspired by Eric Kenneway)



## **Valentine** Alice Gray U.S.A.

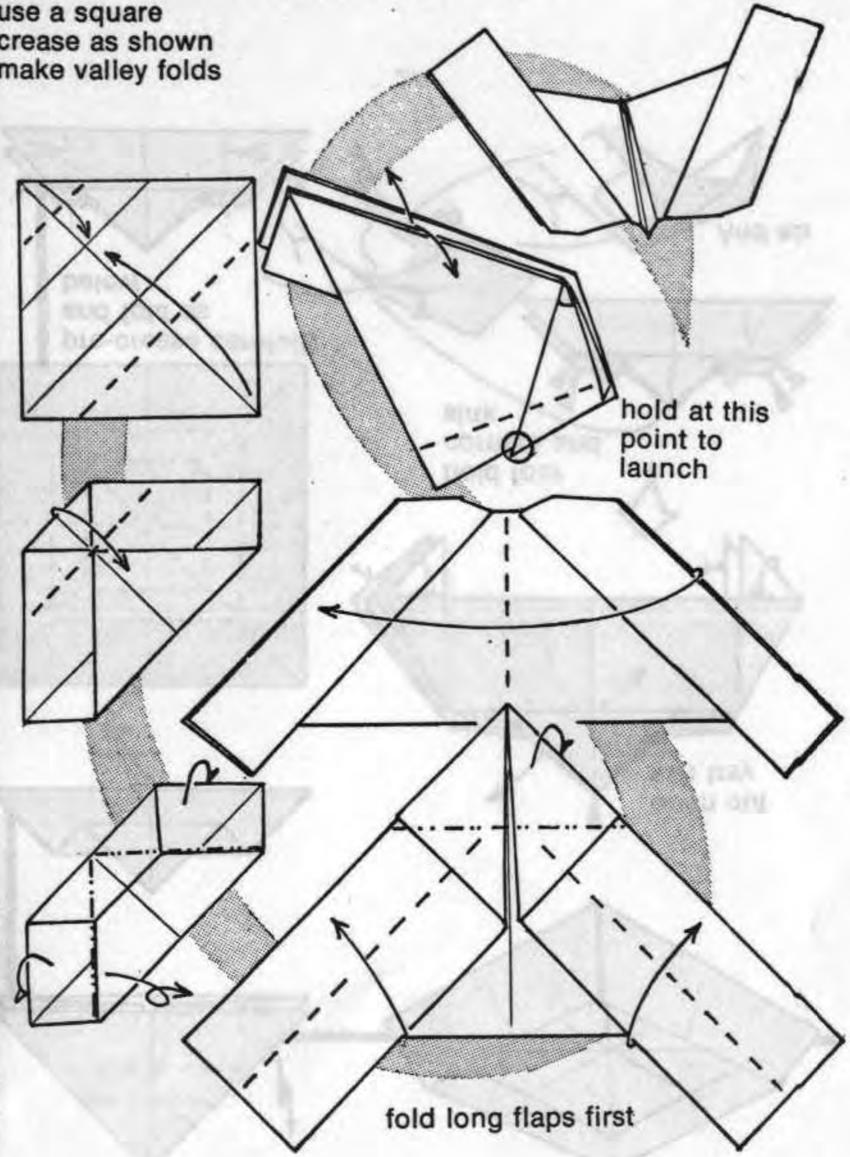
use a square red one side, crease diagonals





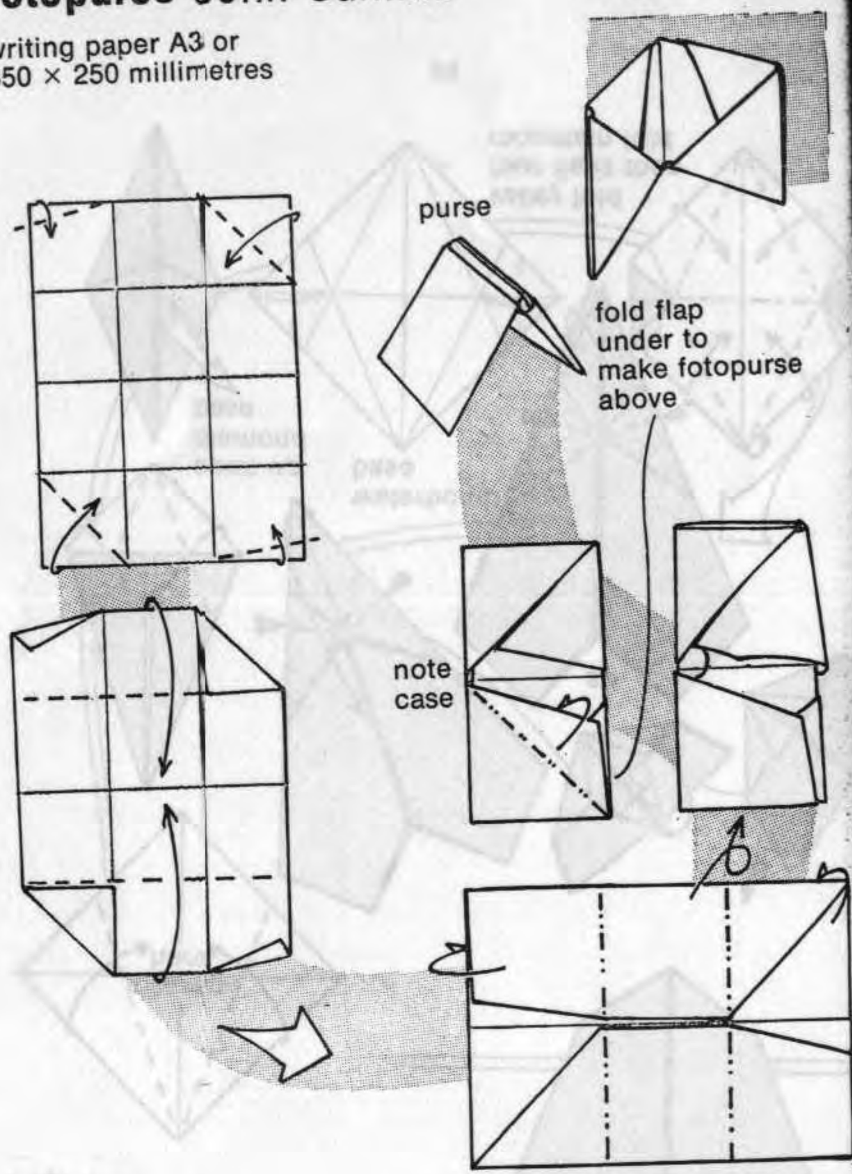

## **Glider** C. Plowman (age 14) Gt. Britain

use a square crease as shown make valley folds



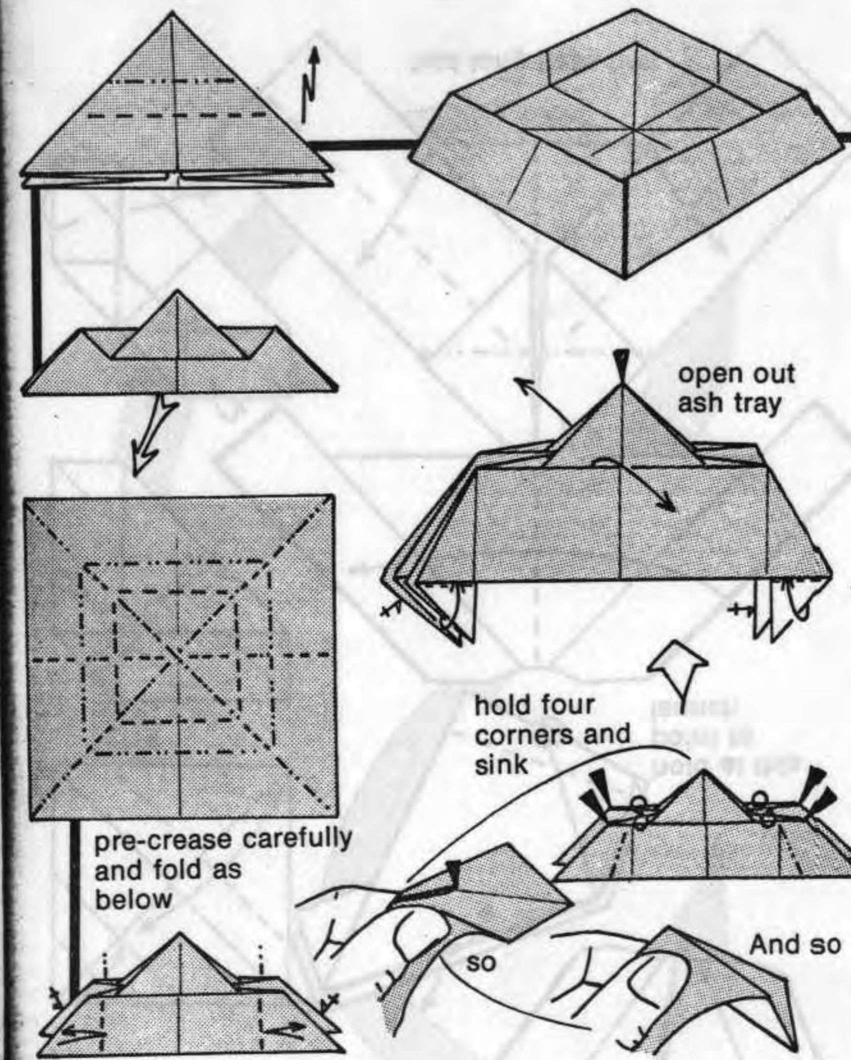
## **Fotopurse** John Cunliffe — Gt. Britain

writing paper A3 or
350 × 250 millimetres



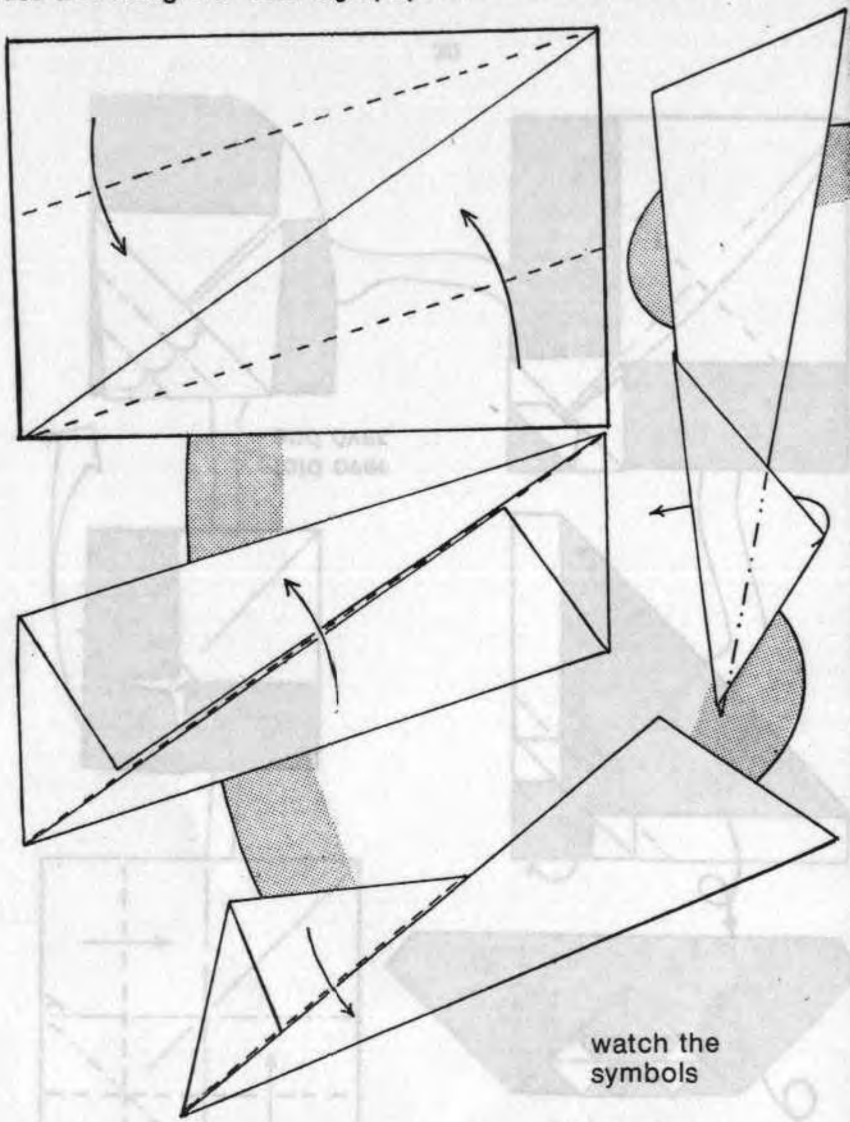



## **Ash Tray** Ronald Koh — Singapore



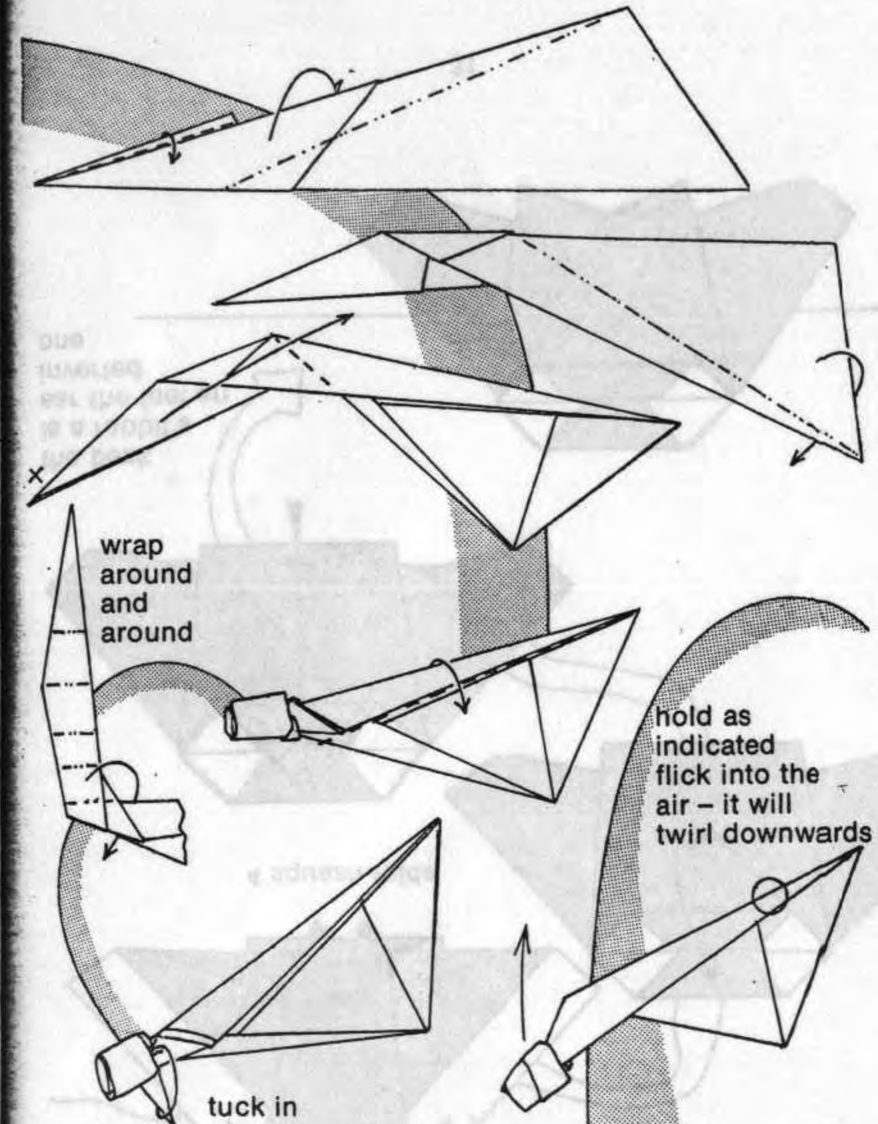
# **Sycamore Seed** John S. Smith Gt. Britain

**use a rectangle of cartridge paper 375mm × 250mm**



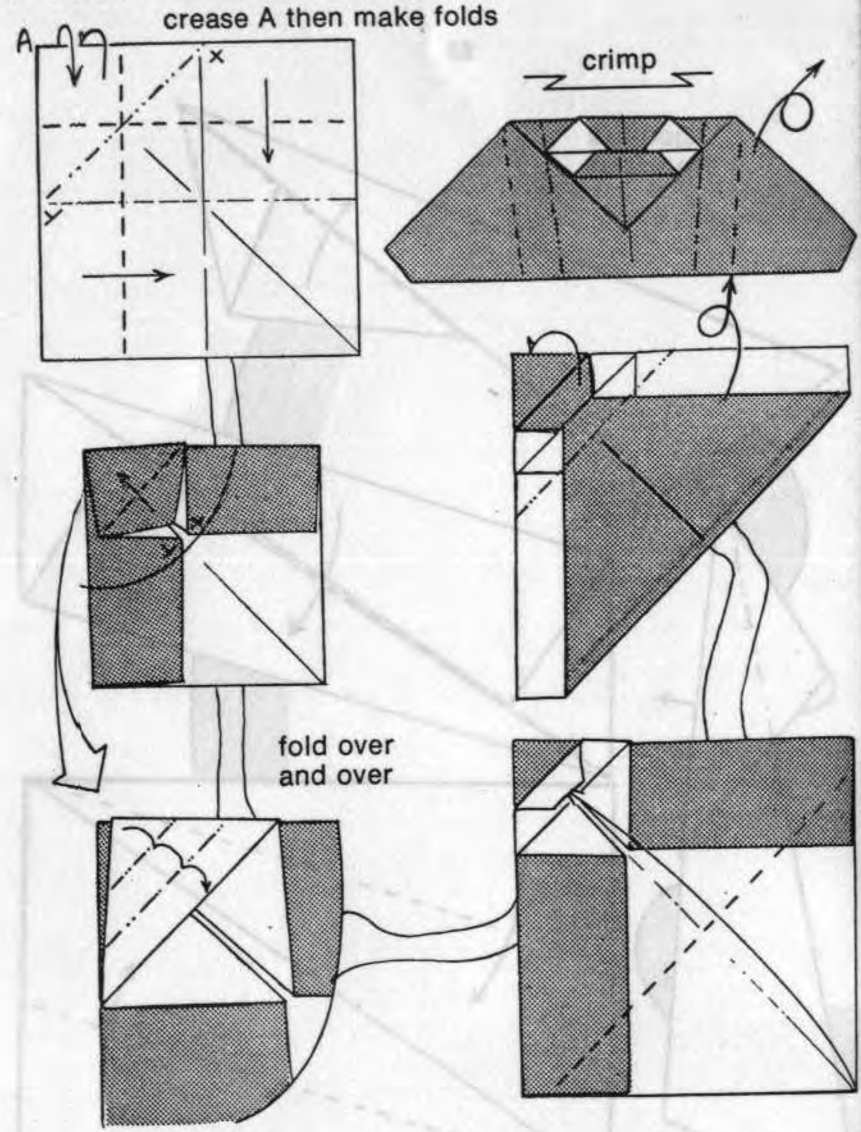



# **Sycamore Seed** concluded



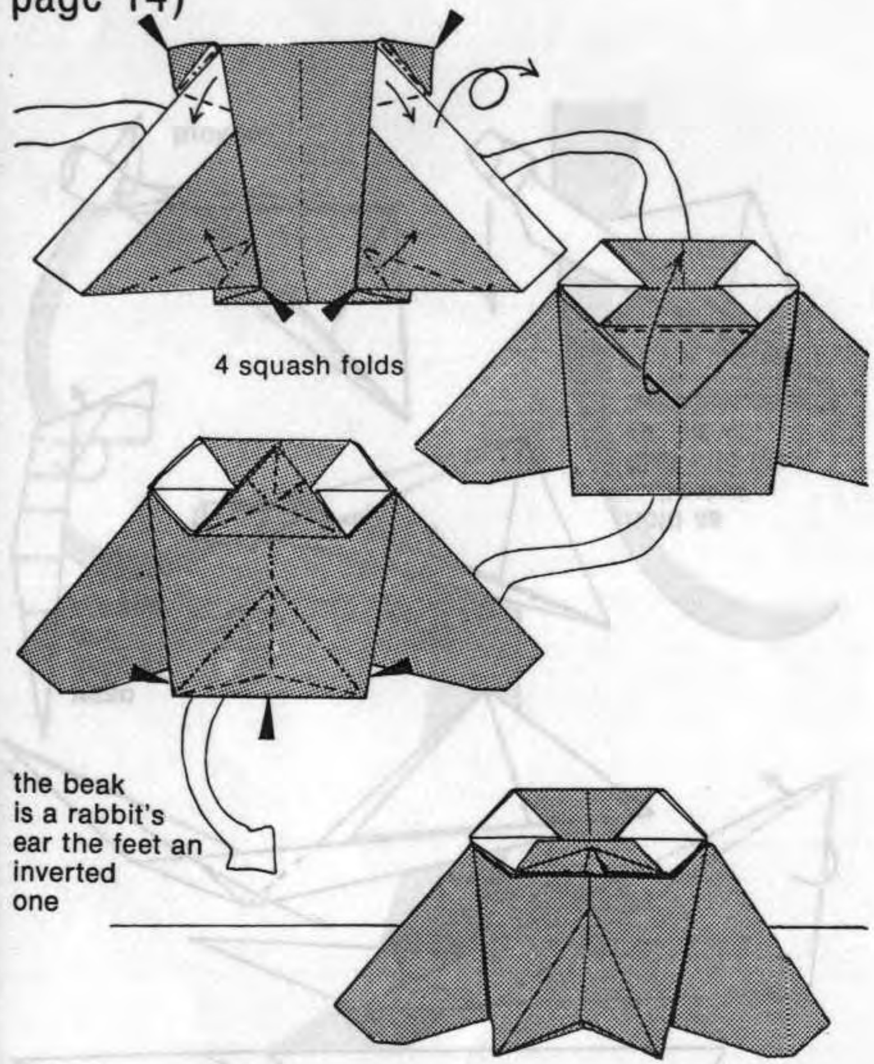
## **Owligami** Edward Megrath — Gt. Britain

brown square white side up



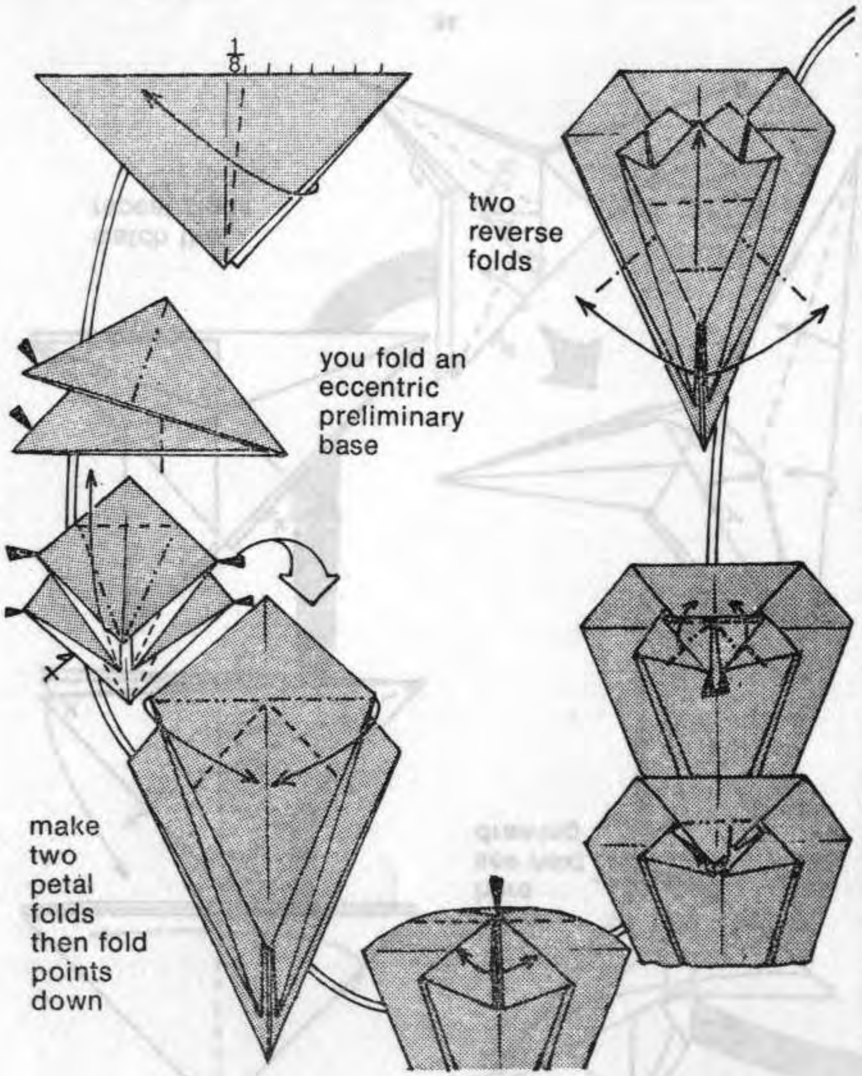



## **Owligami** concluded (Rabbits' Ears page 14)



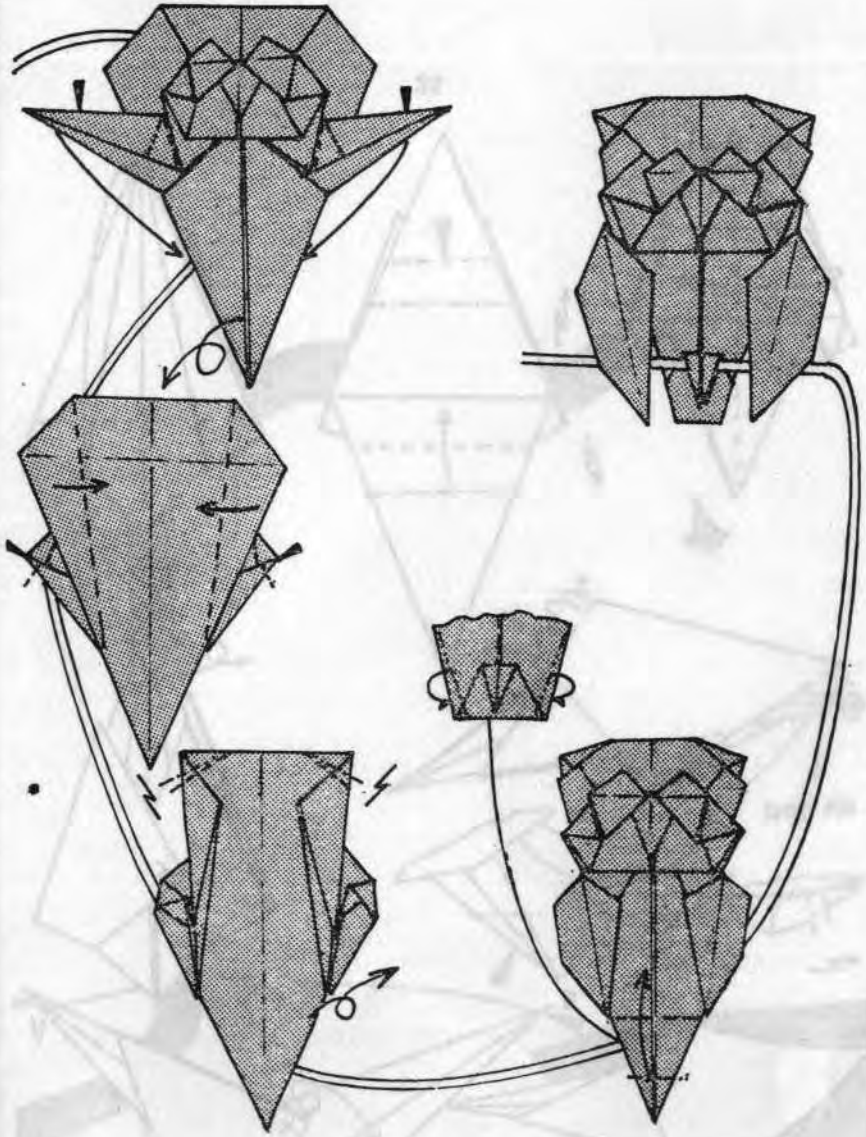
# **Owl** John Richardson — Gt. Britain

use a square folded
off-centre as shown

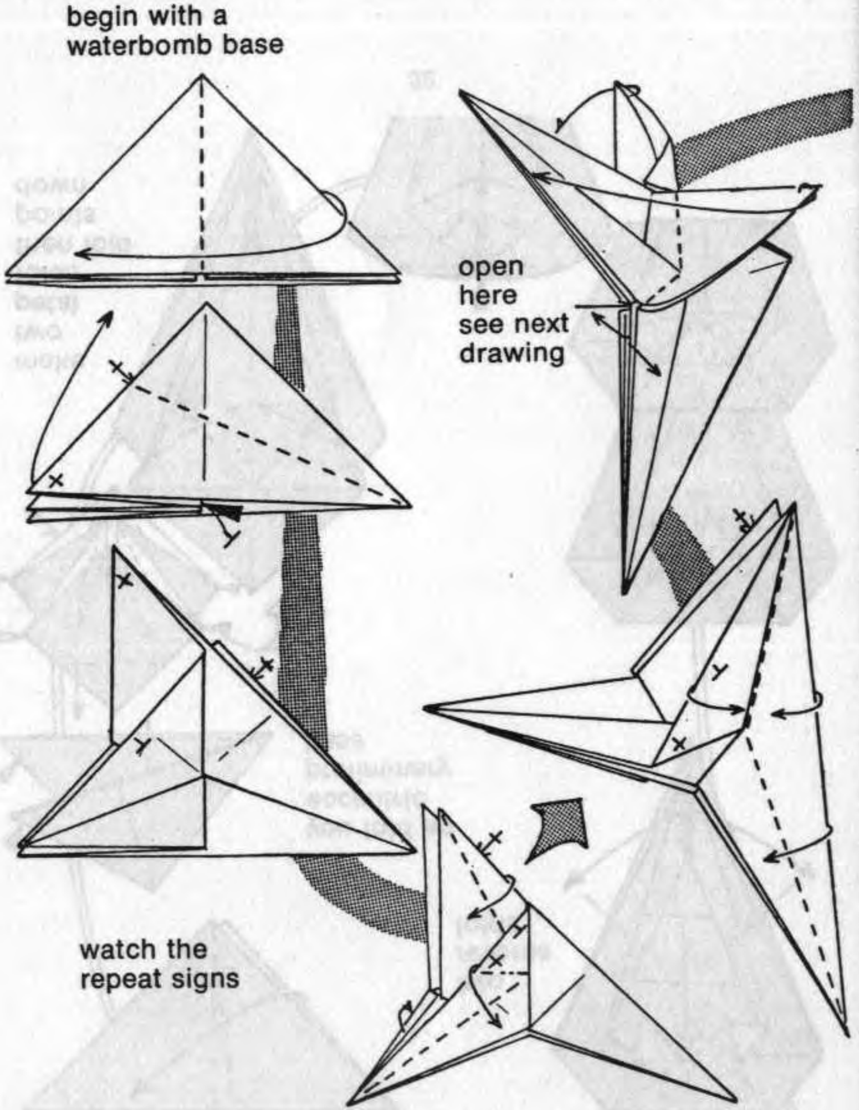





# **Owl** concluded

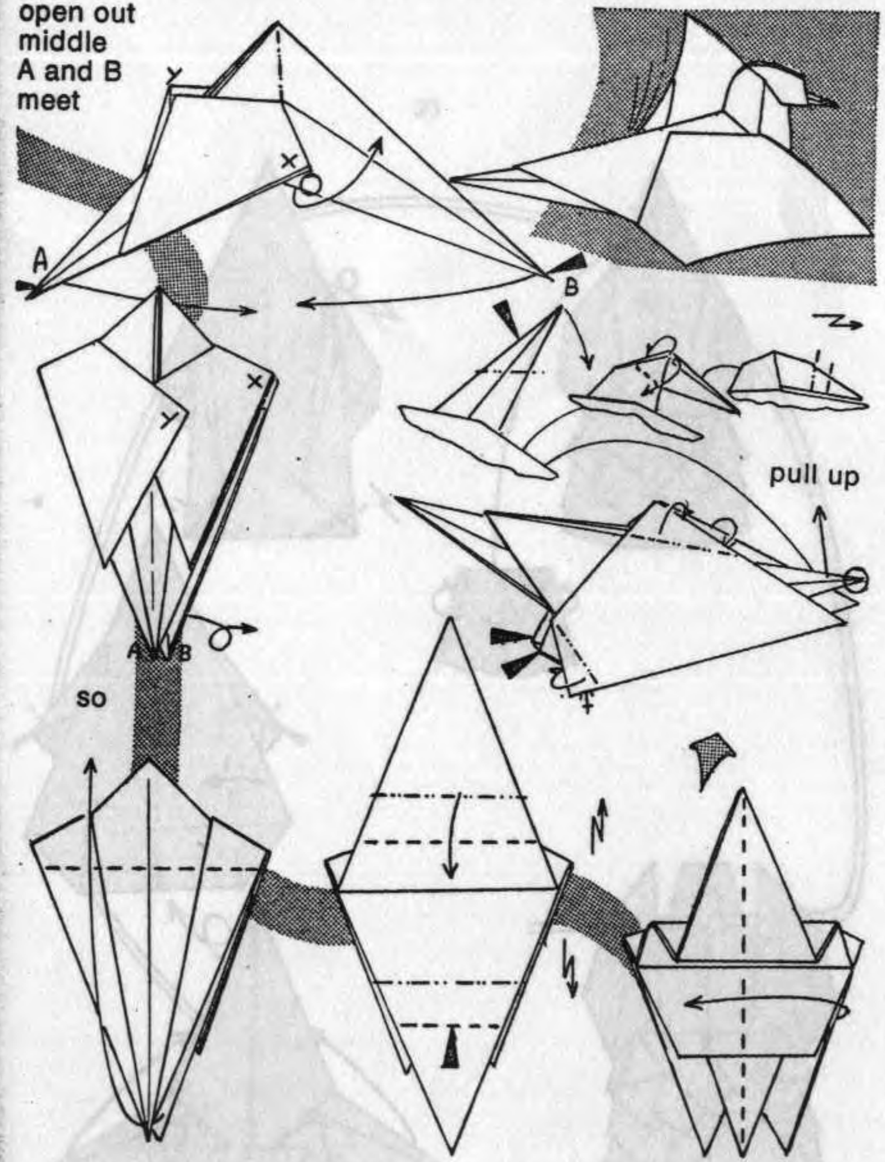


# **Flying Sparrow** Toshie Takahama Japan

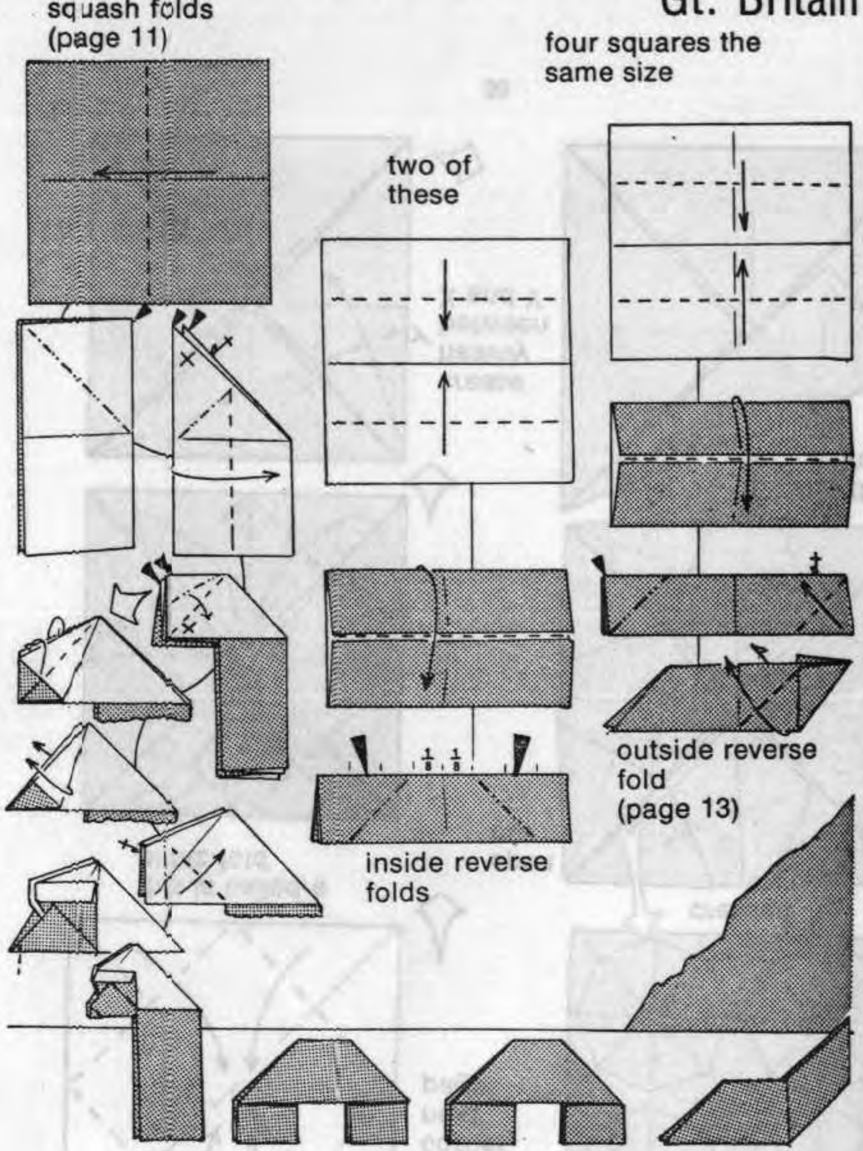





# **Flying Sparrow** The Wings also fold back

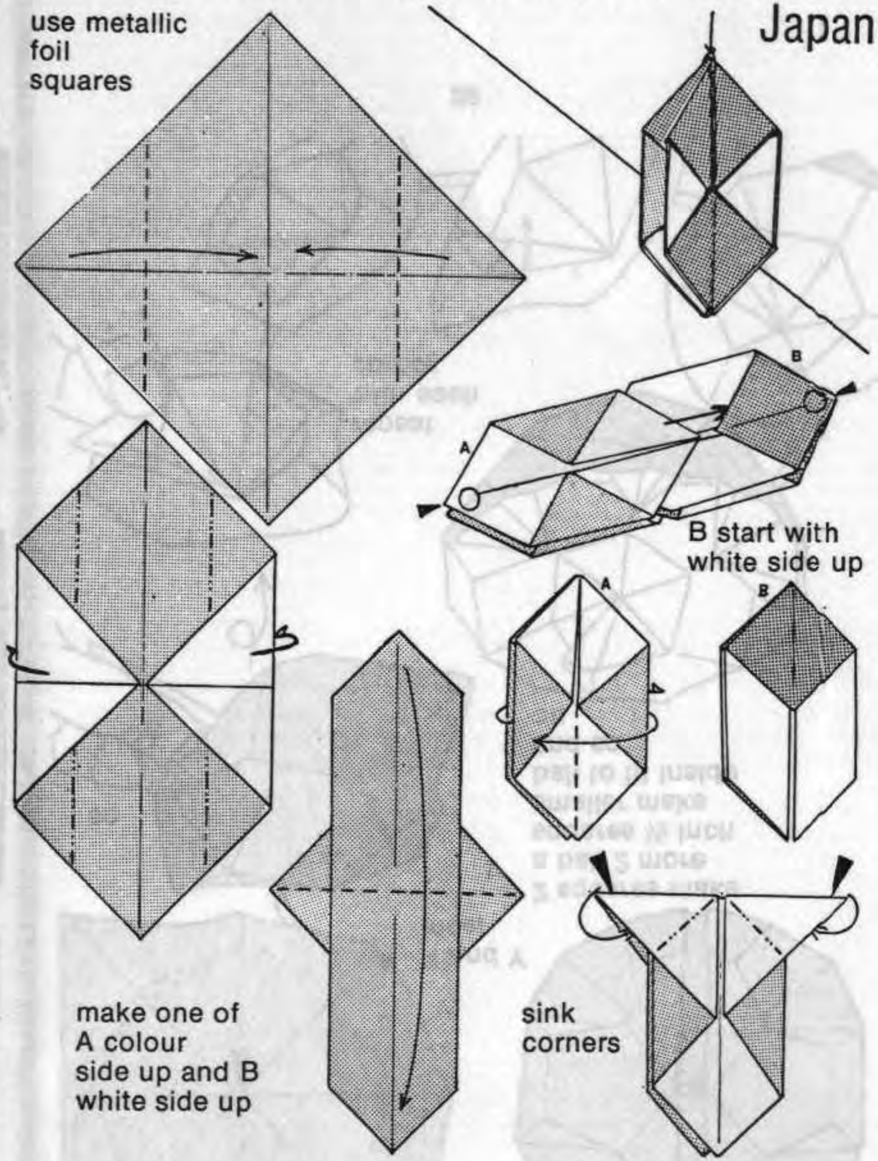


# Loch Ness Monster Steve Manthorp Gt. Britain

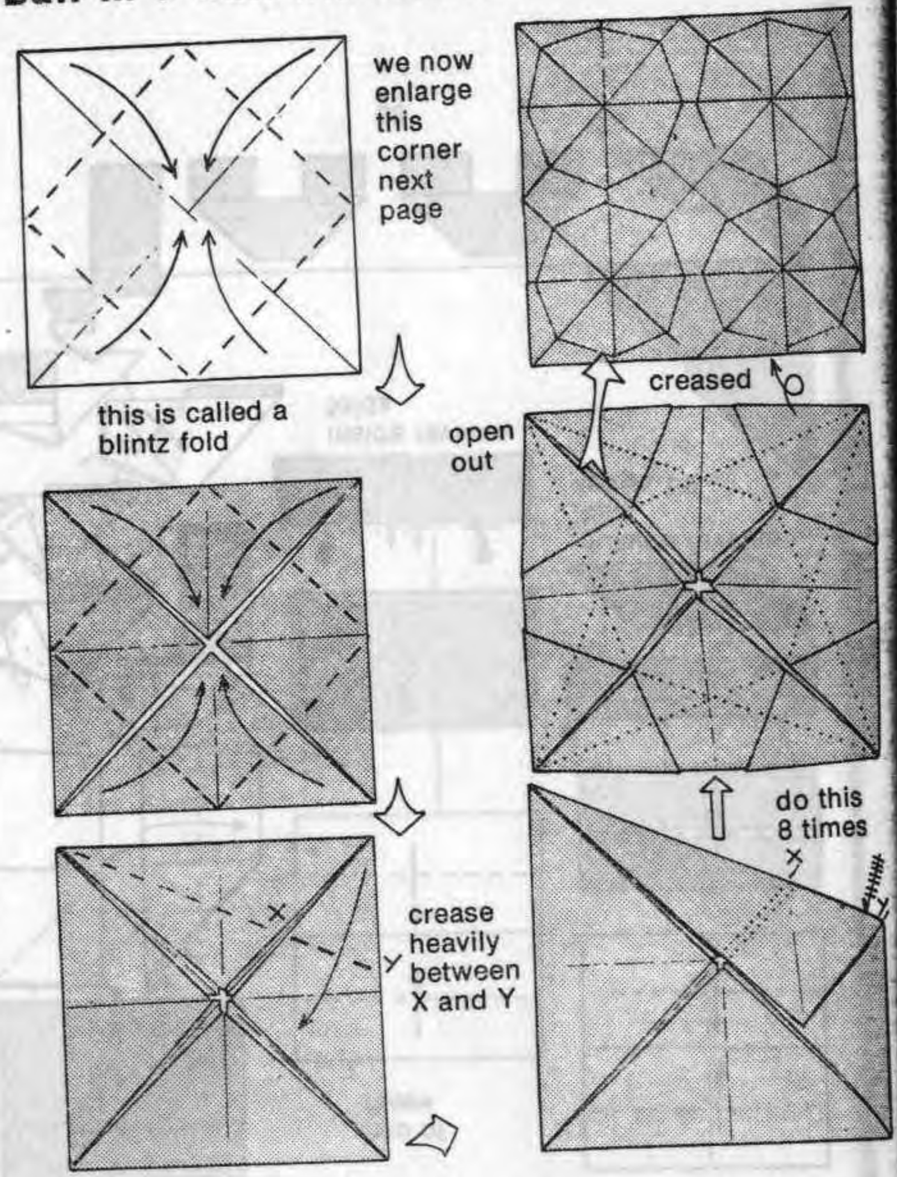





# Christmas Ornament Toshie Takahama Japan

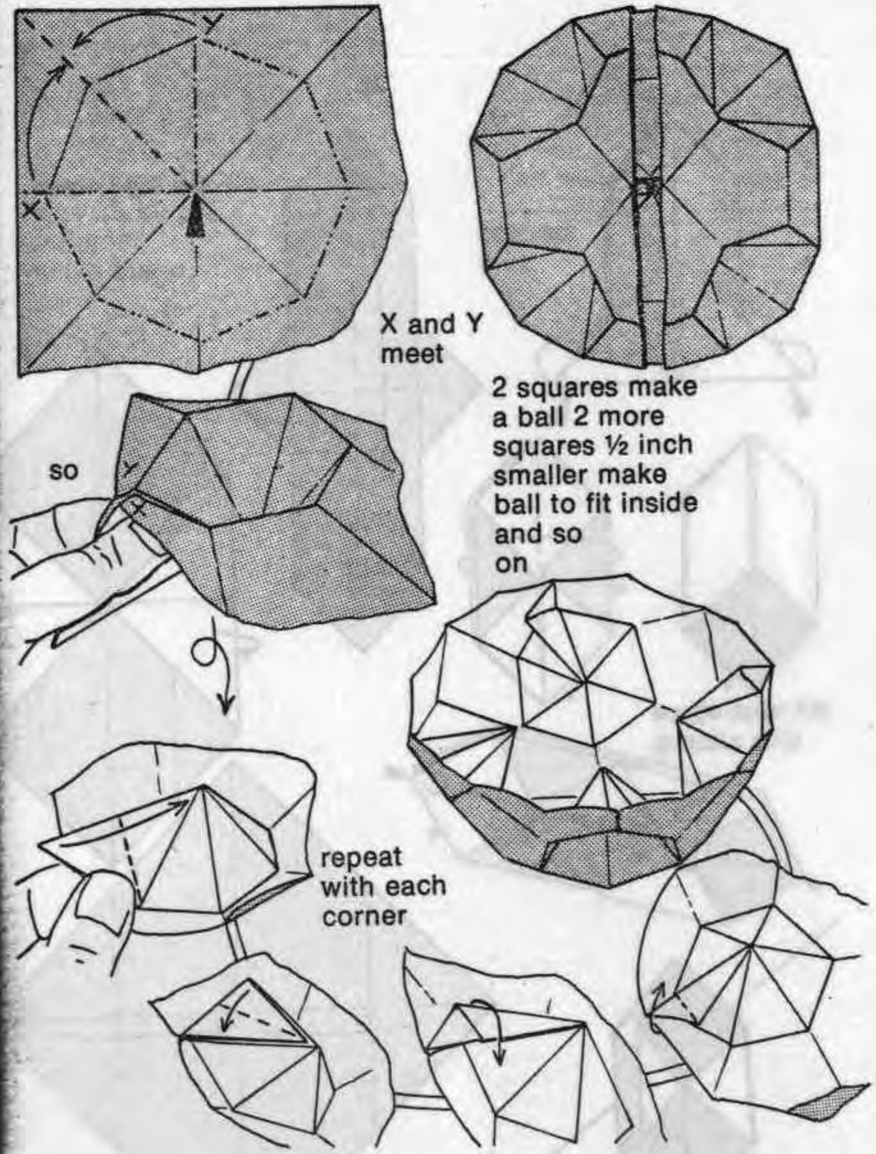


# Ball in a Ball Iris Walker                Gt. Britain

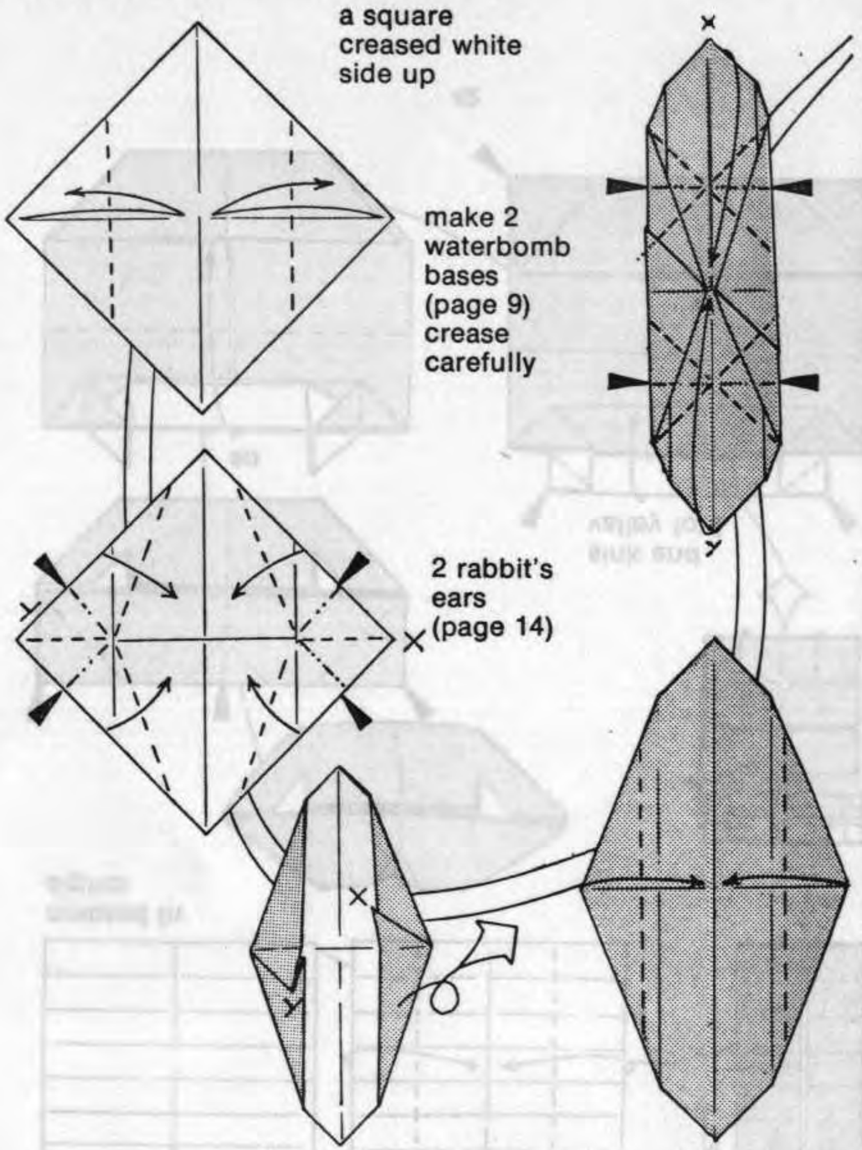





# A Ball in a Ball concluded

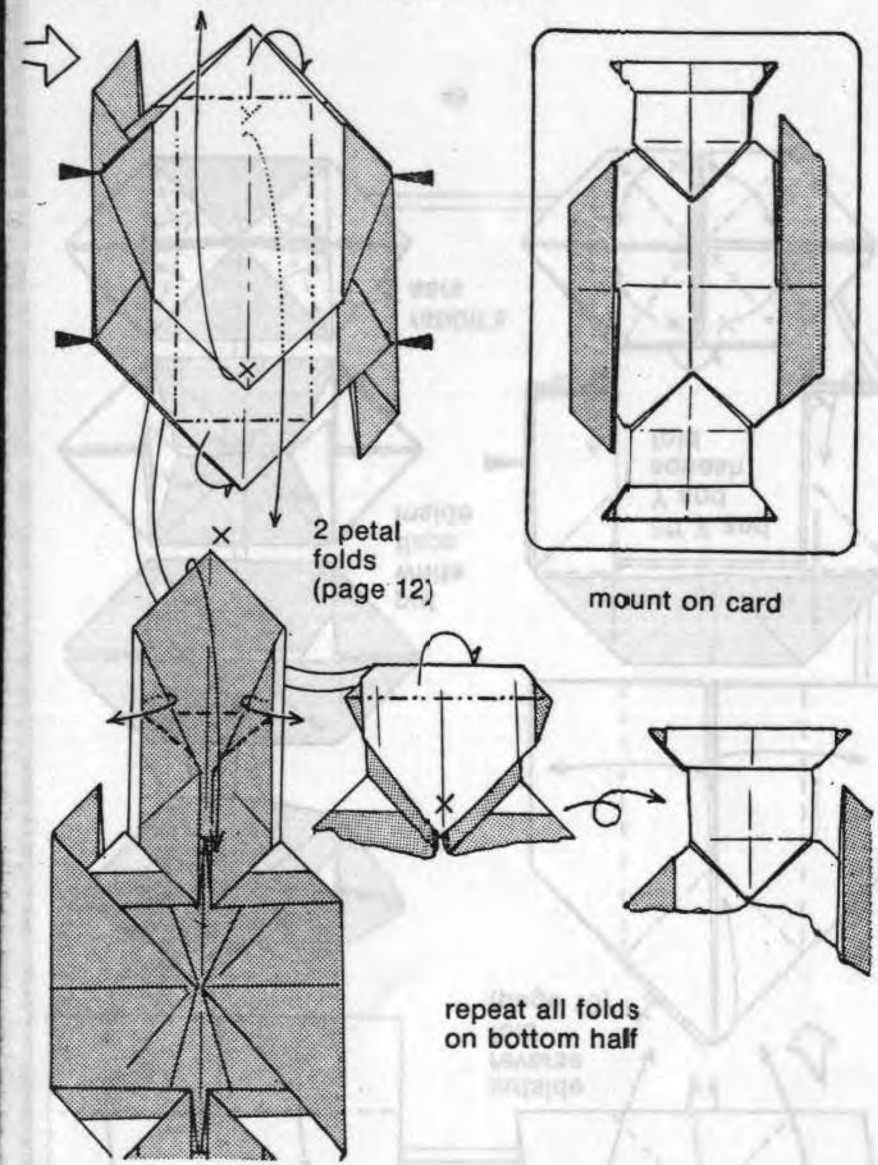


# King of Spades Martin Lewis U.S.A.

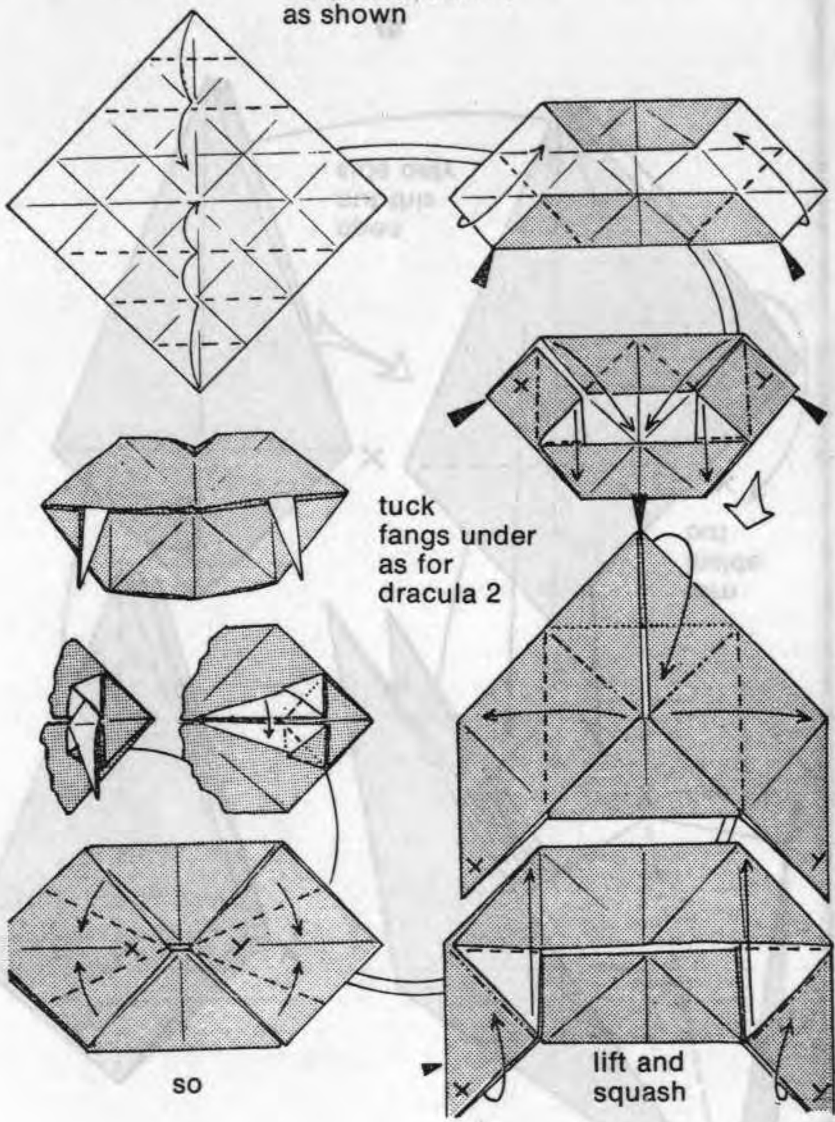





# King of Spades concluded

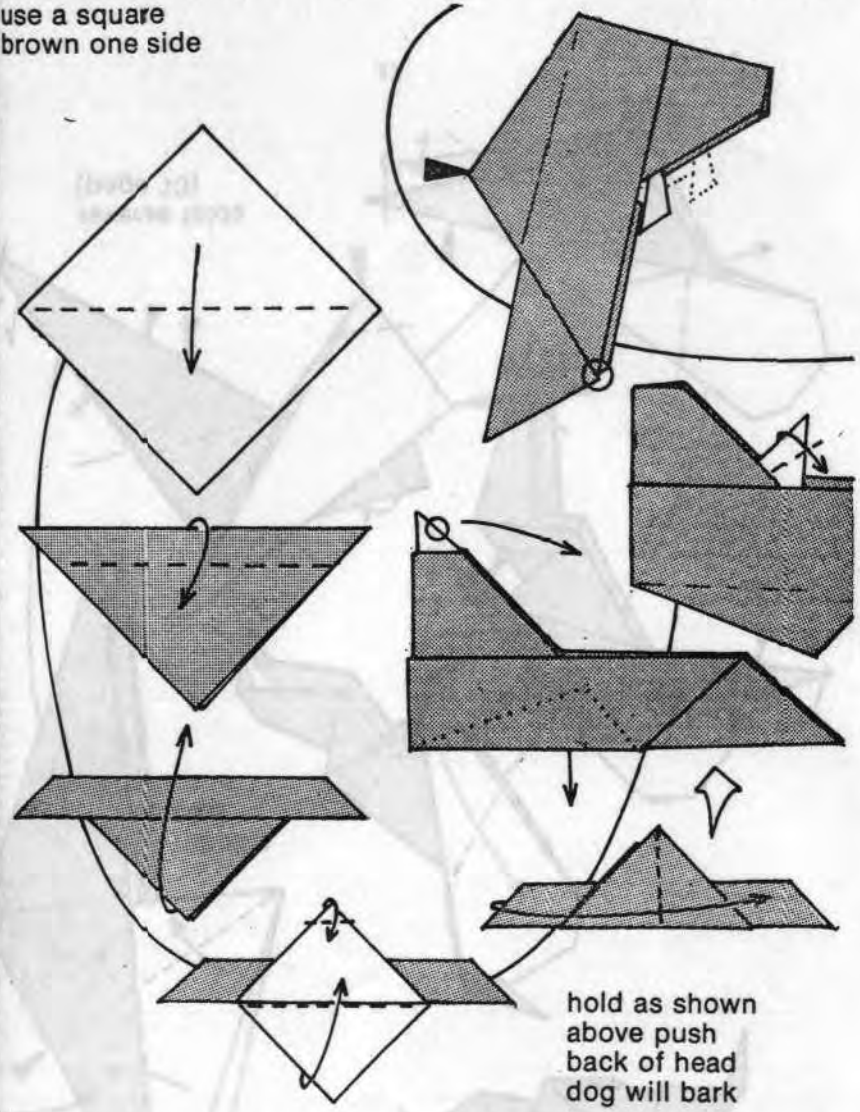


## **Dracula (3)** Steven Biddle Gt. Britain



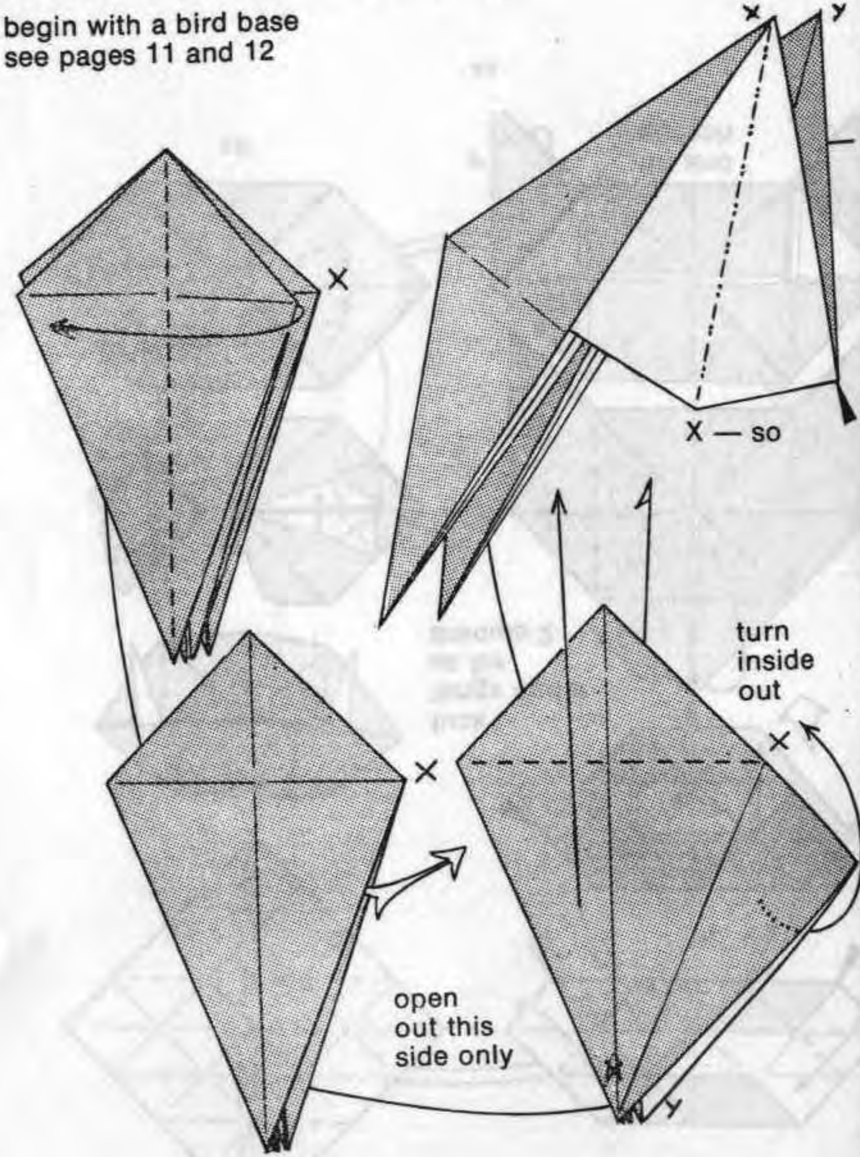



## **Dog Barking** Clive Beeks Gt. Britain



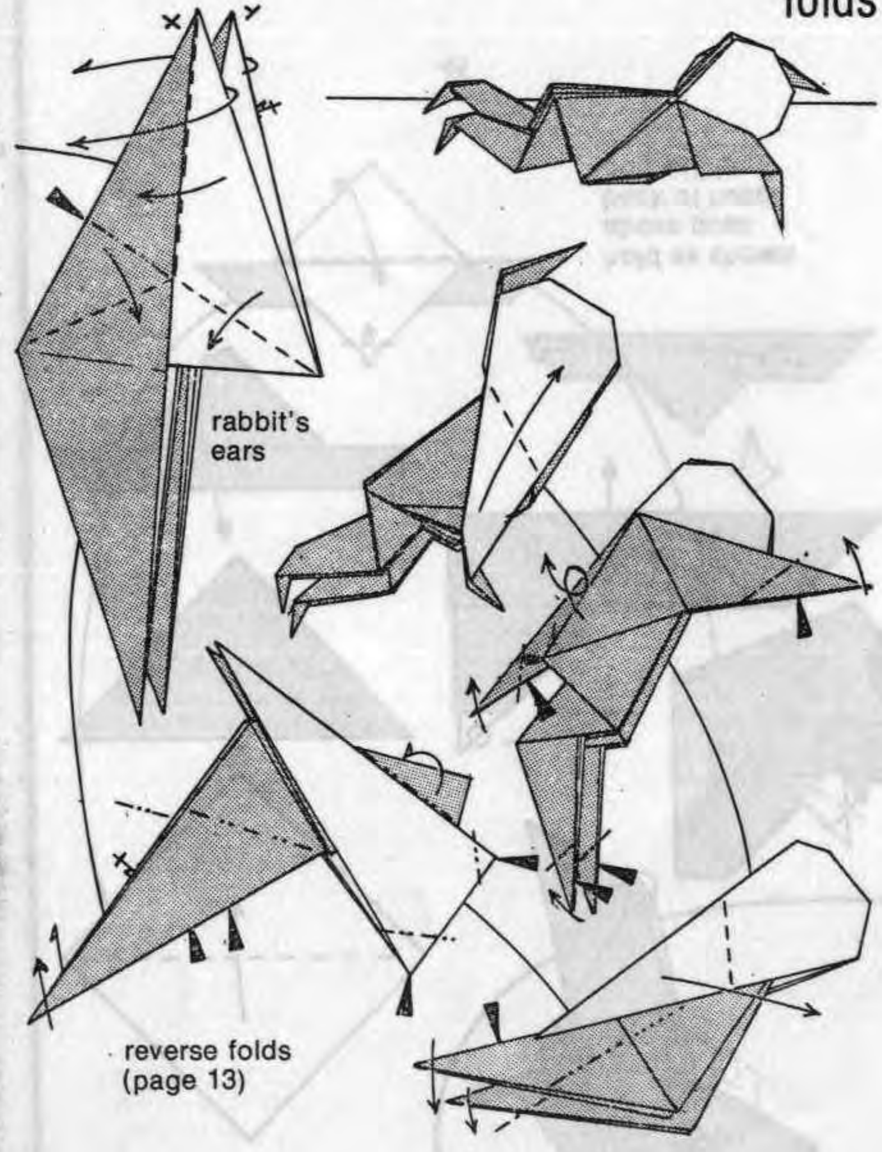
## **Swimmer** Alice Blumberg U.S.A.

begin with a bird base
see pages 11 and 12



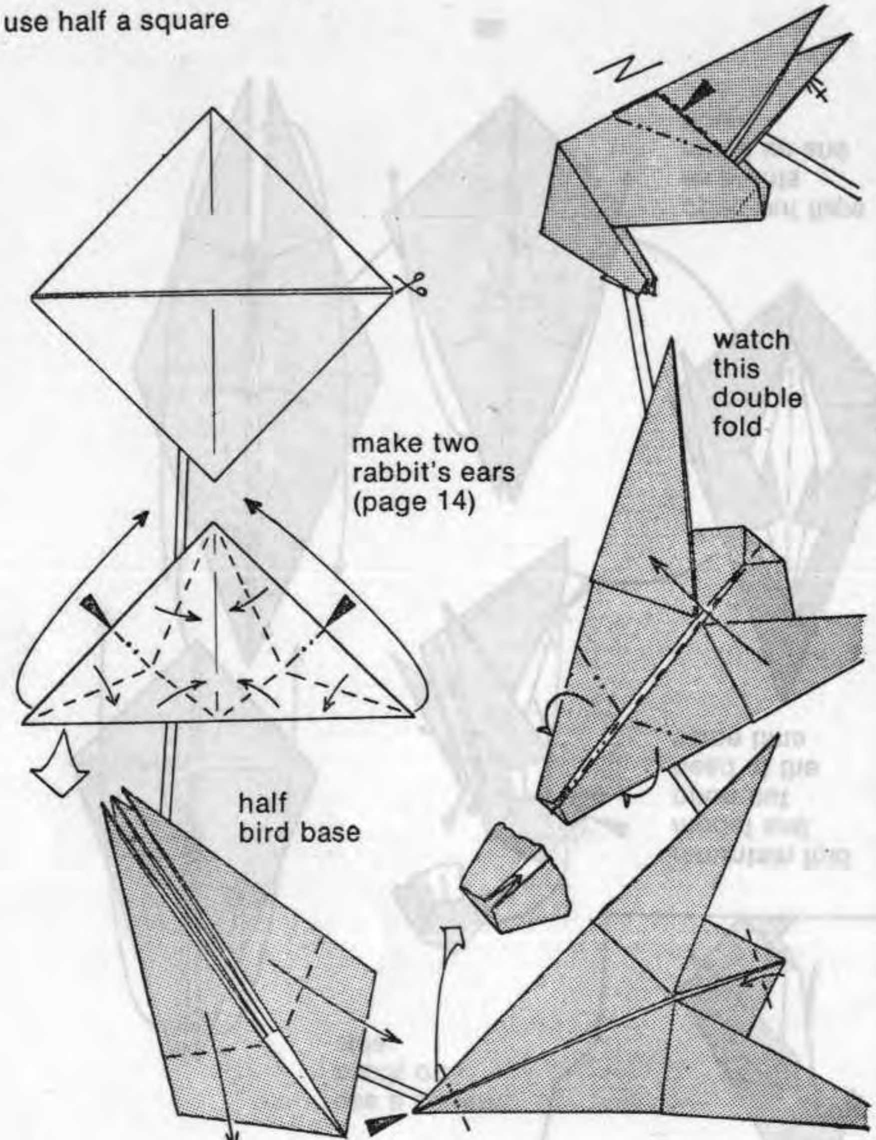



## **Swimmer** concluded Watch for reverse folds



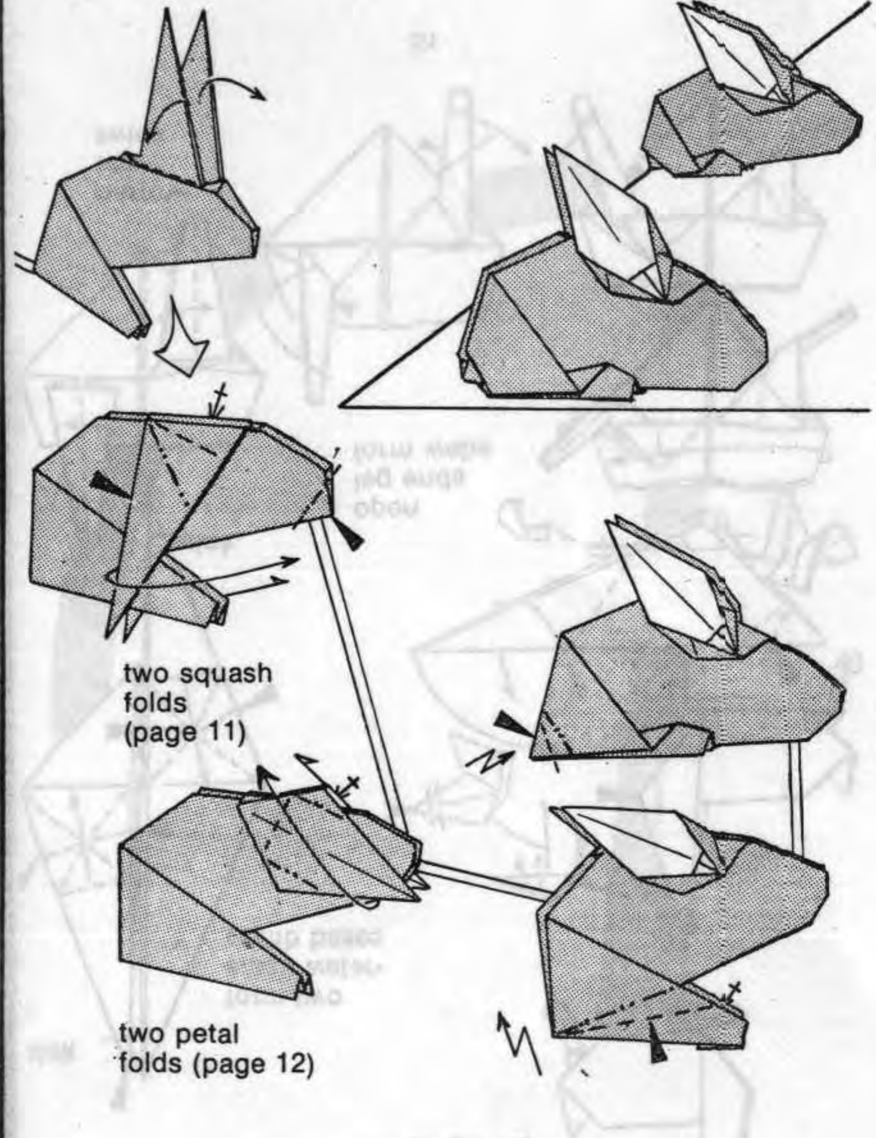
# Rabbit Alice Gray U.S.A.

use half a square





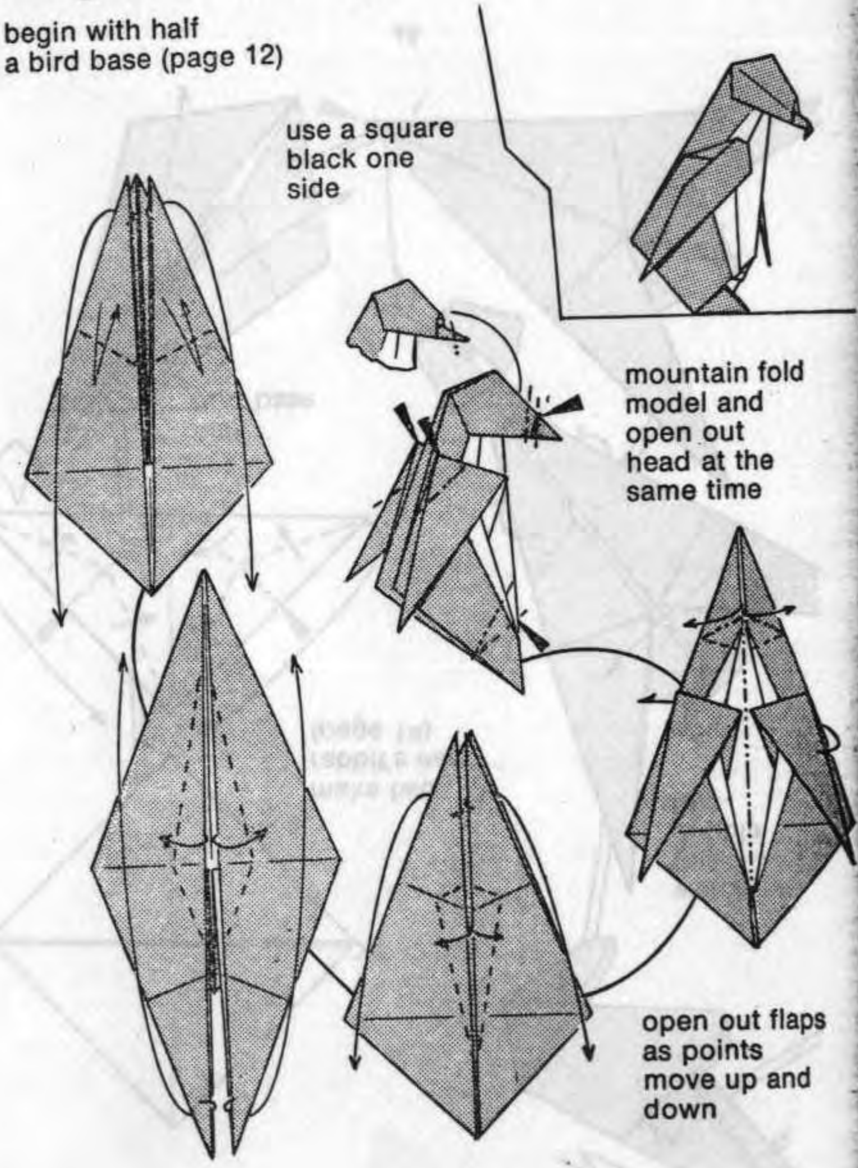

# Rabbit concluded



# **Penguin** Alice Gray



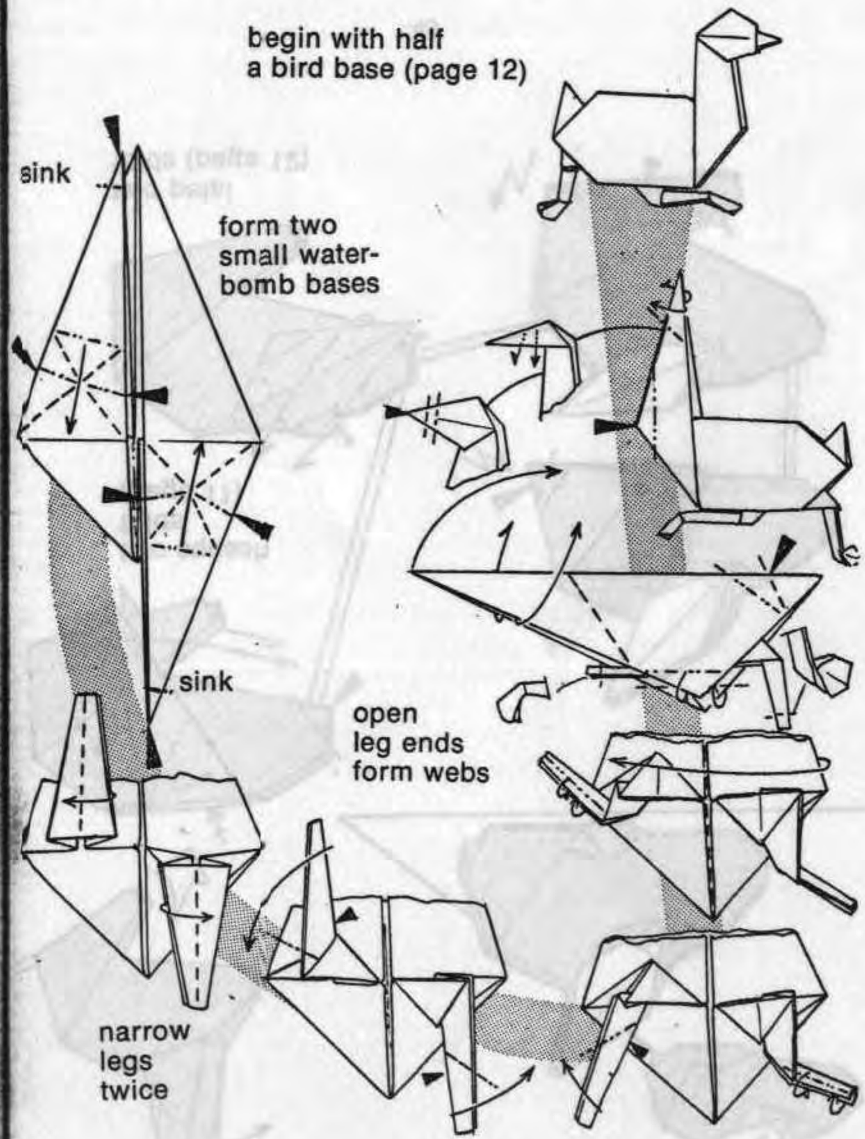
begin with half
a bird base (page 12)





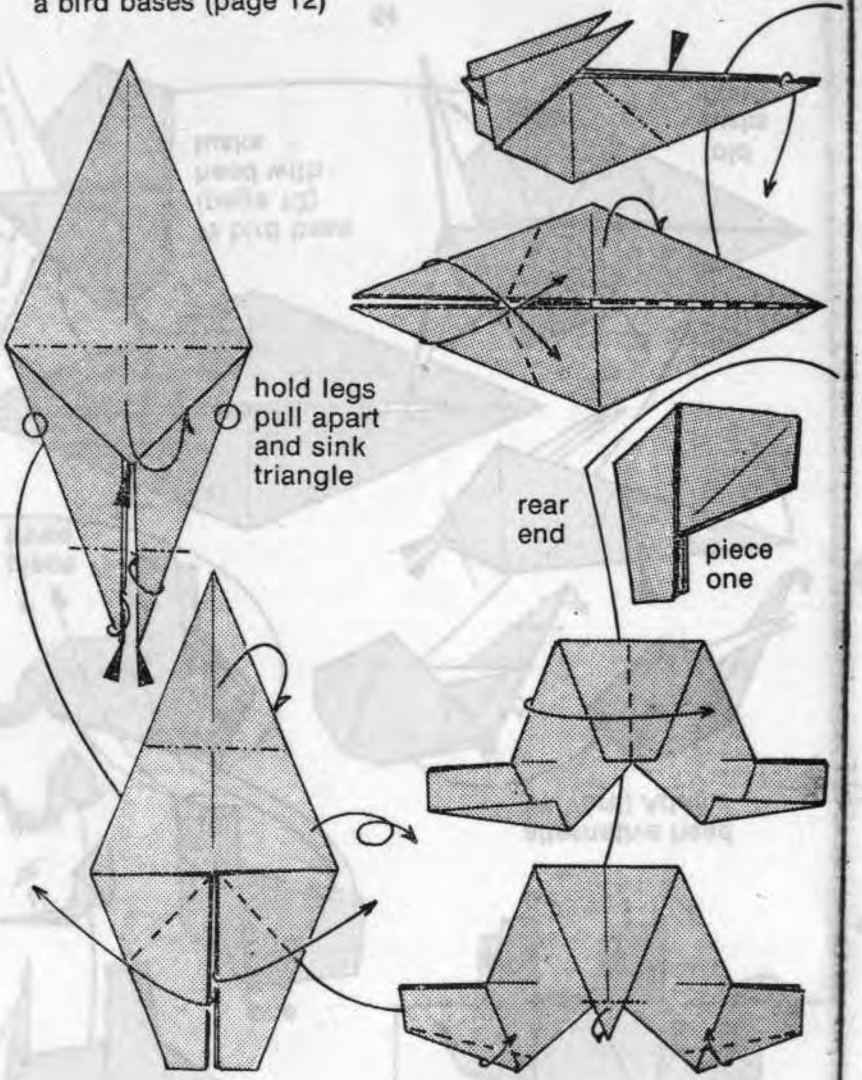

# **Goose** Alice Gray





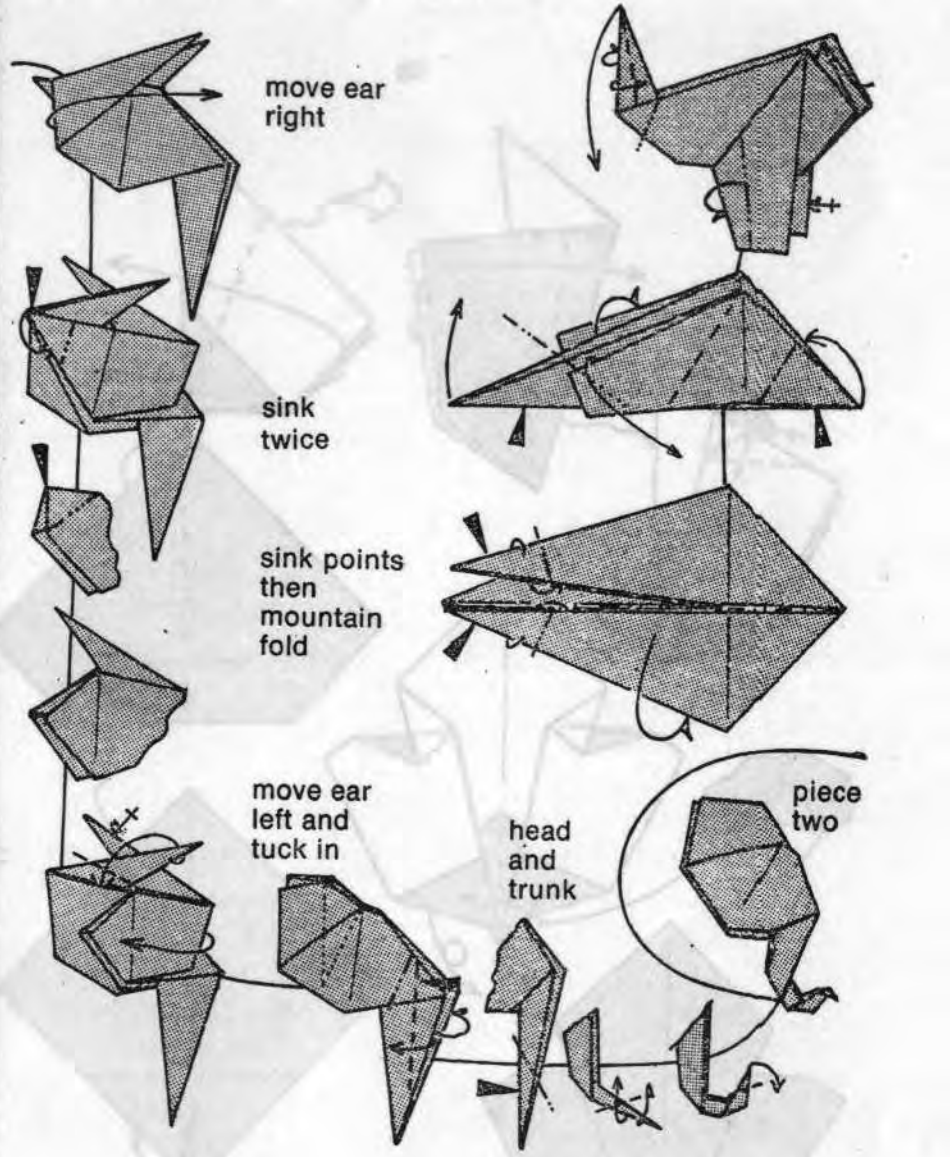
# 3 Piece Jumbo Alice Gray U.S.A.

begin with three half a bird bases (page 12)

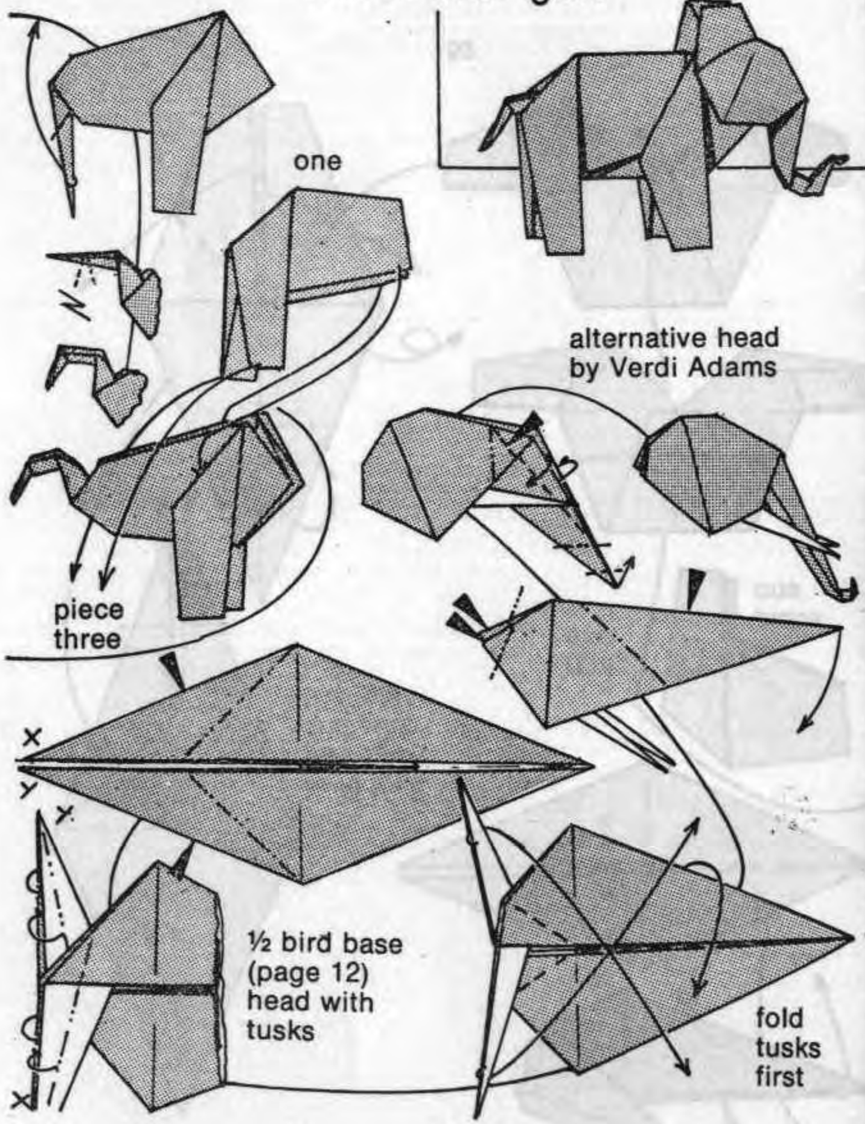





# 3 Piece Jumbo continued



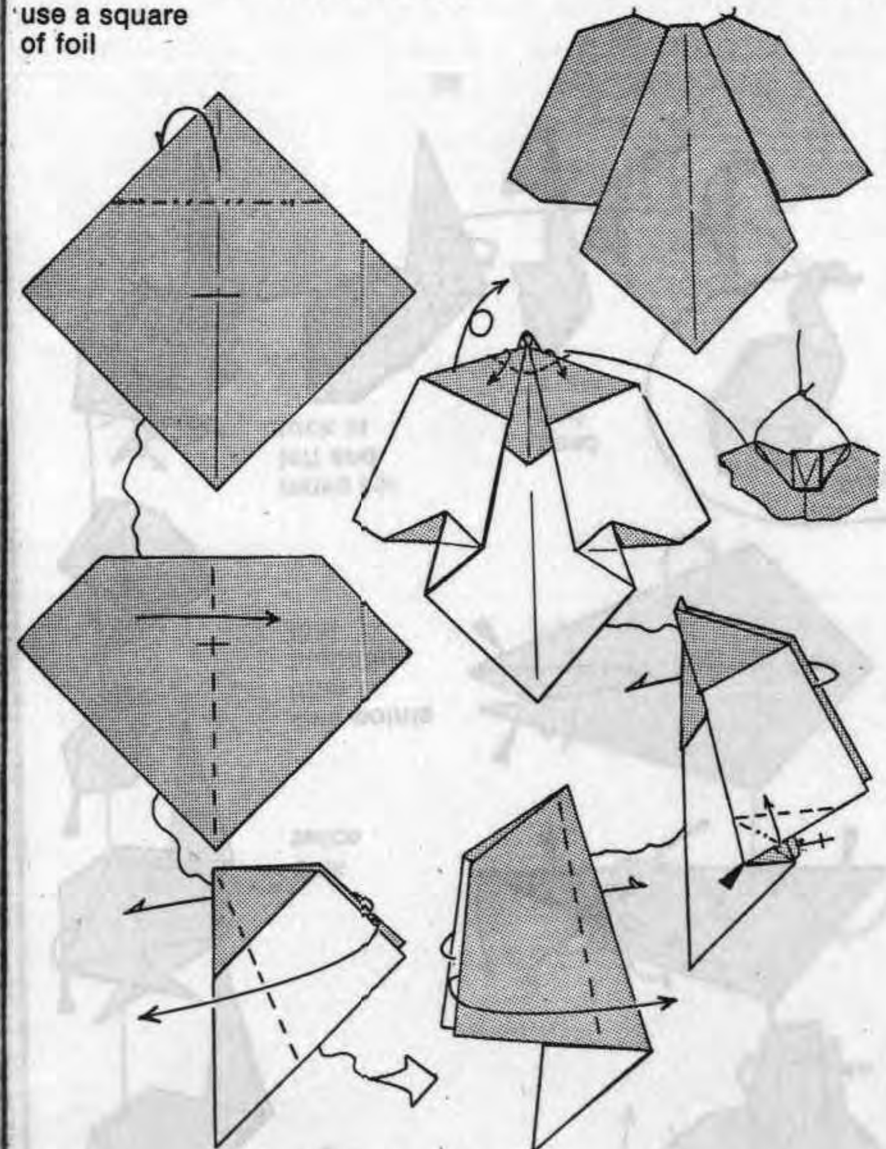
# **Jumbo** Assemble pieces 1, 2, 3
Use a little glue





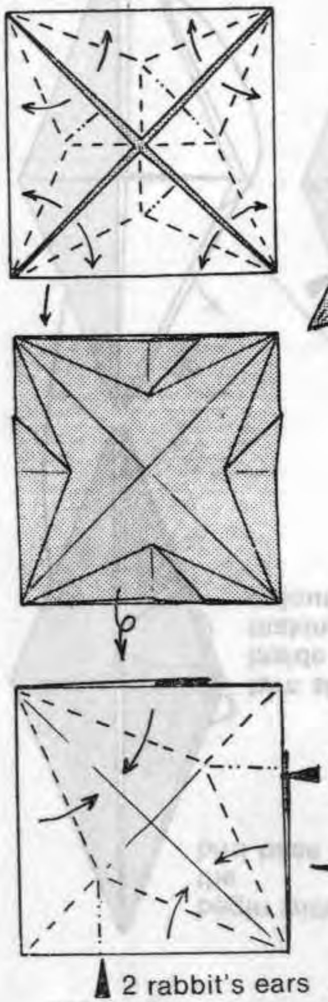

# **Maple-leaf** Alice Gray U.S.A.

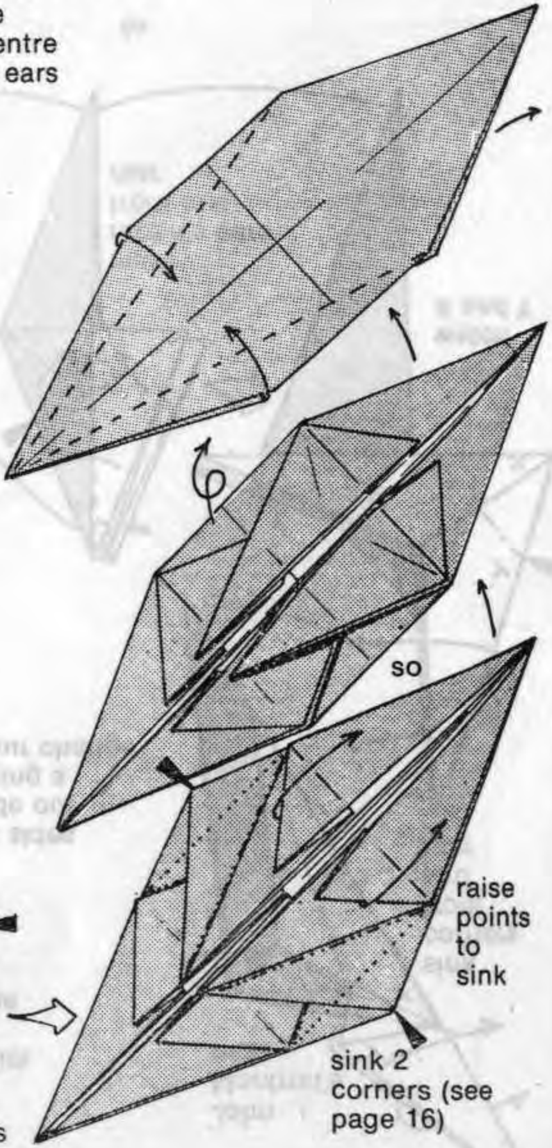
use a square of foil



# Baby Dragon Bill Warner U.S.A.

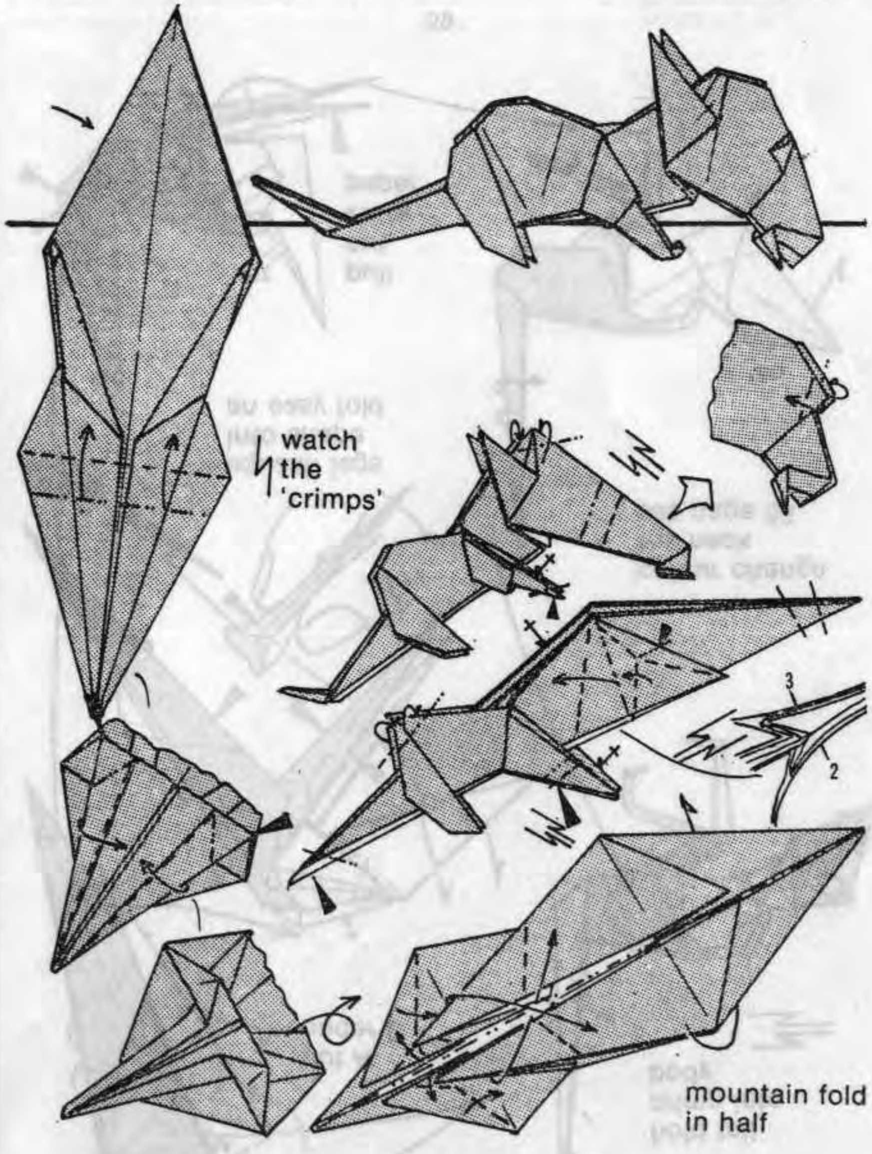
use a square green one side. Fold corners to centre (blintz) make 4 rabbit's ears (page 14)



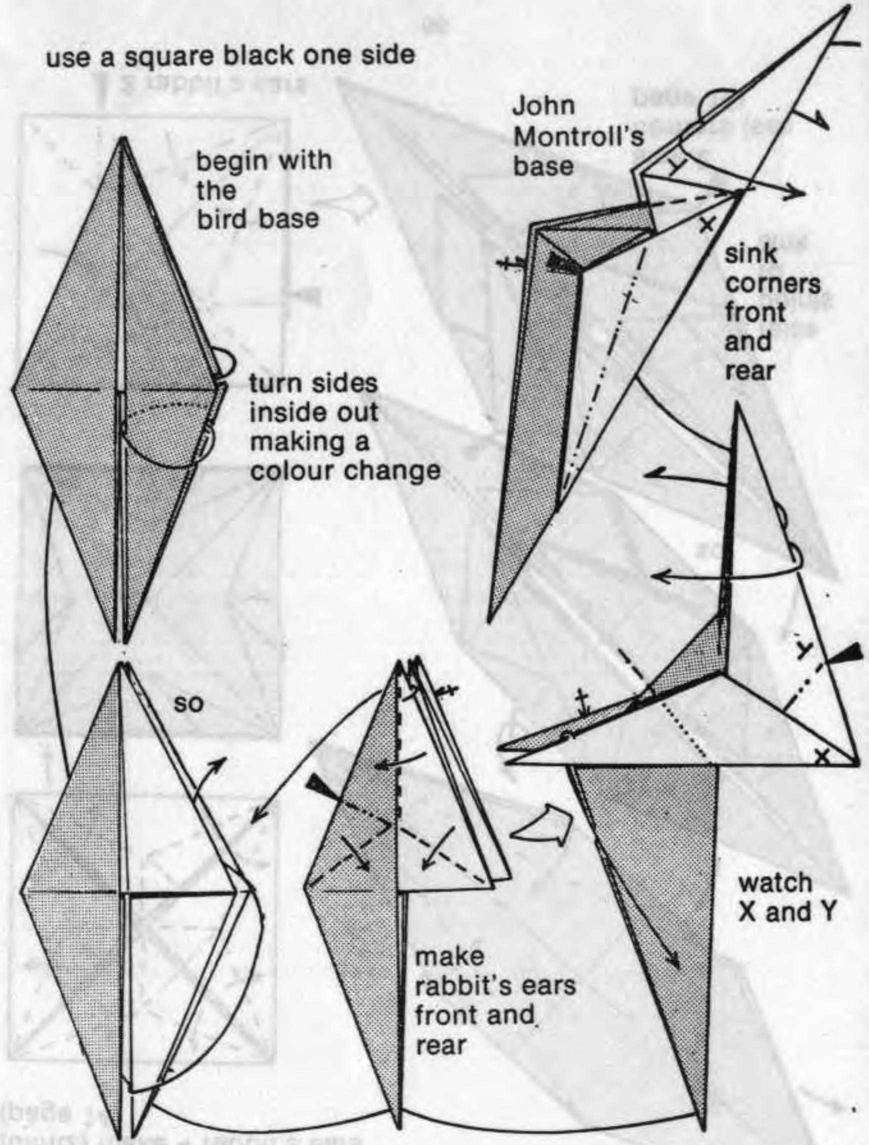



# Baby Dragon continued This is an easy one



# **Ostrich** David Pacheco U.S.A.

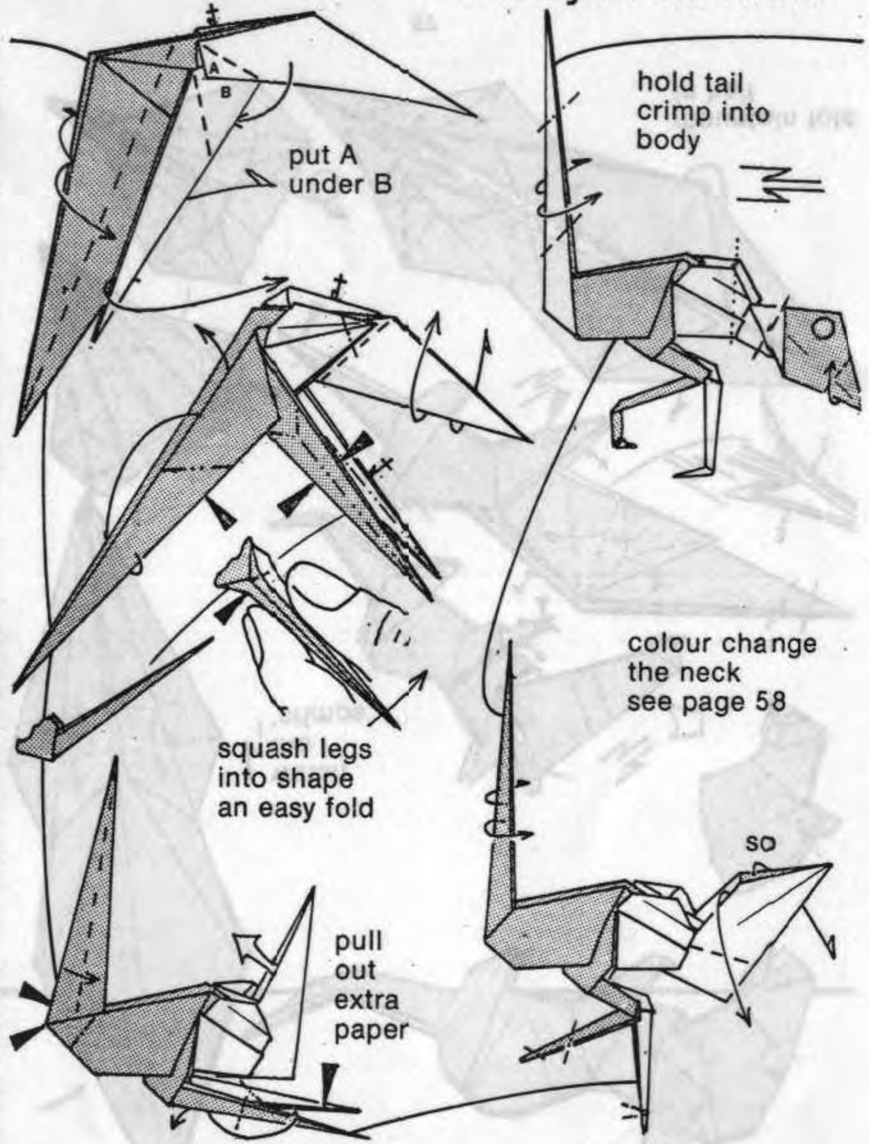
use a square black one side



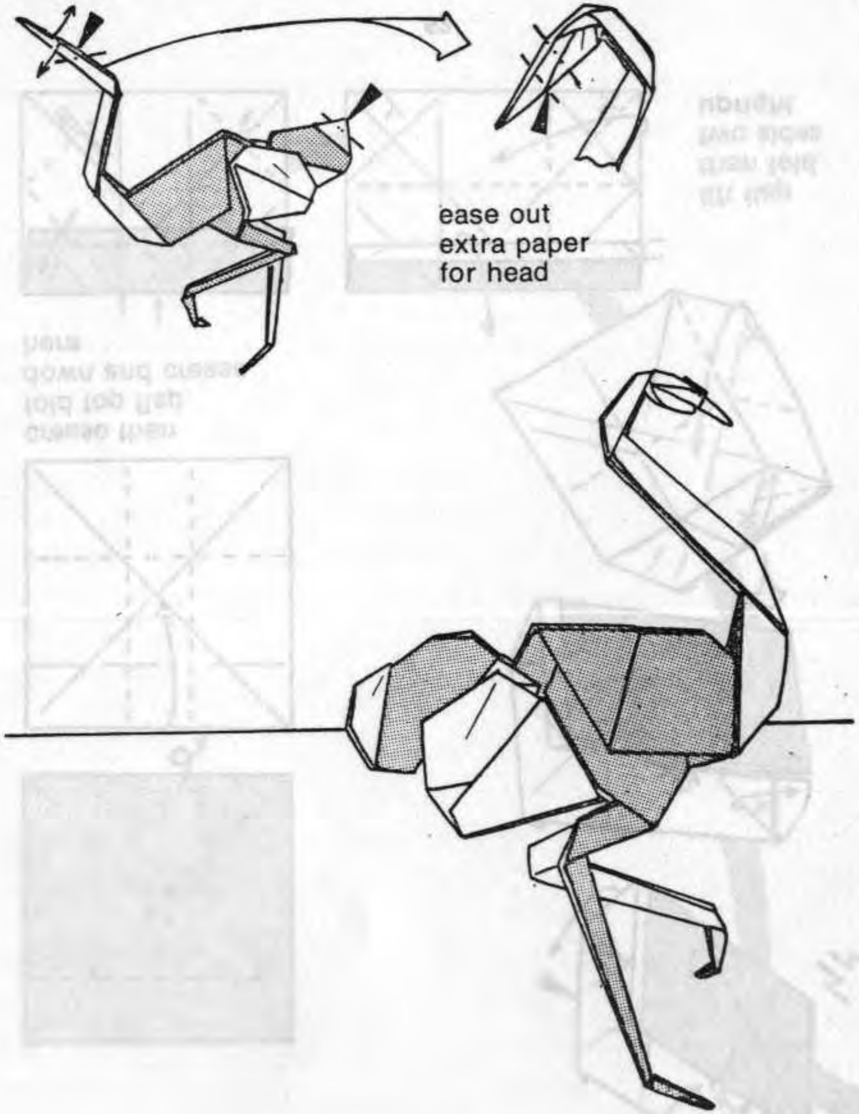



# **Ostrich** continued

I wish you luck here

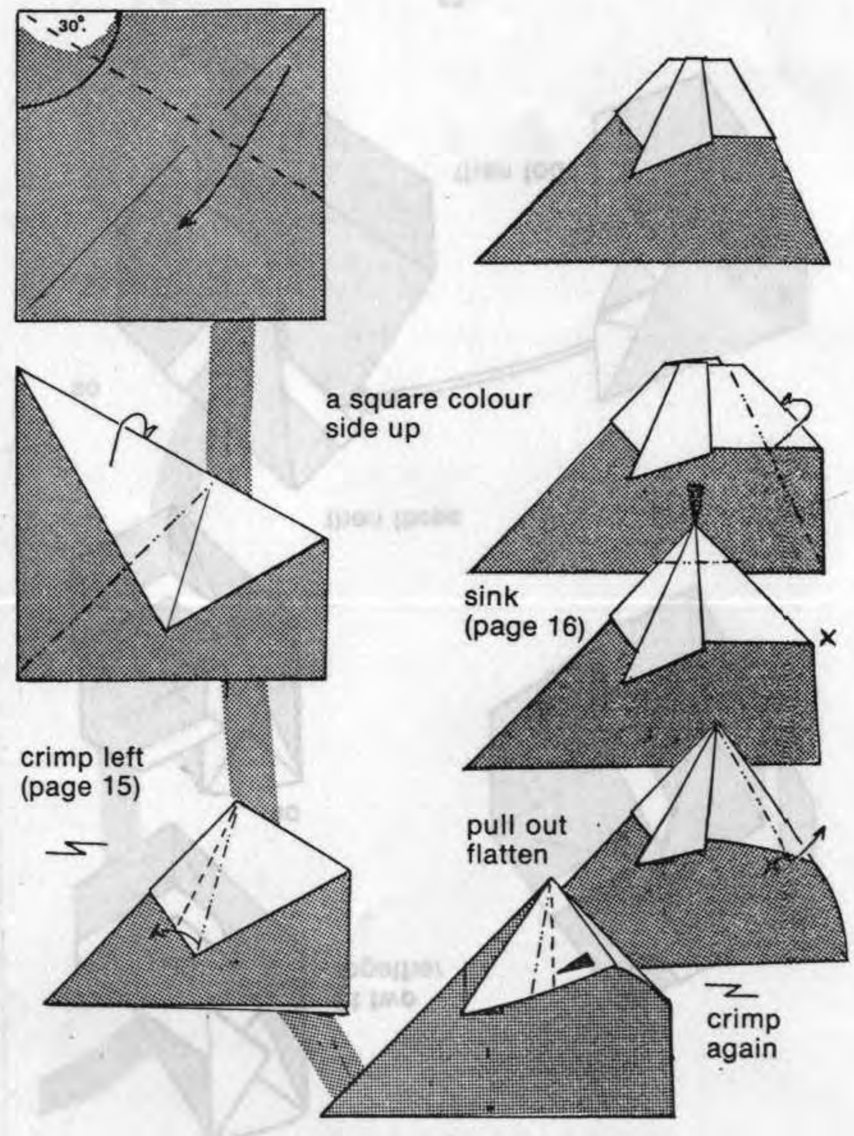


## **Ostrich** continued — Fine model



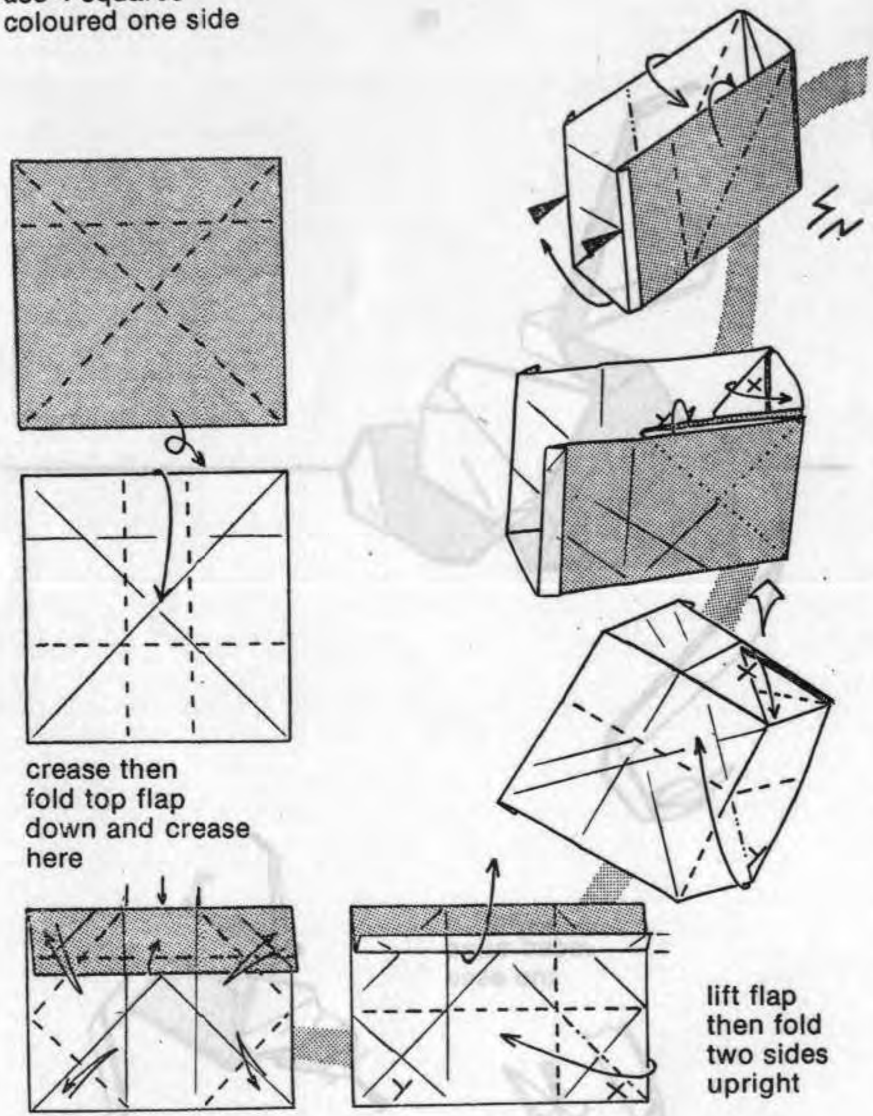



## **Mount Fuji** Eric Kenneway — Gt. Britain



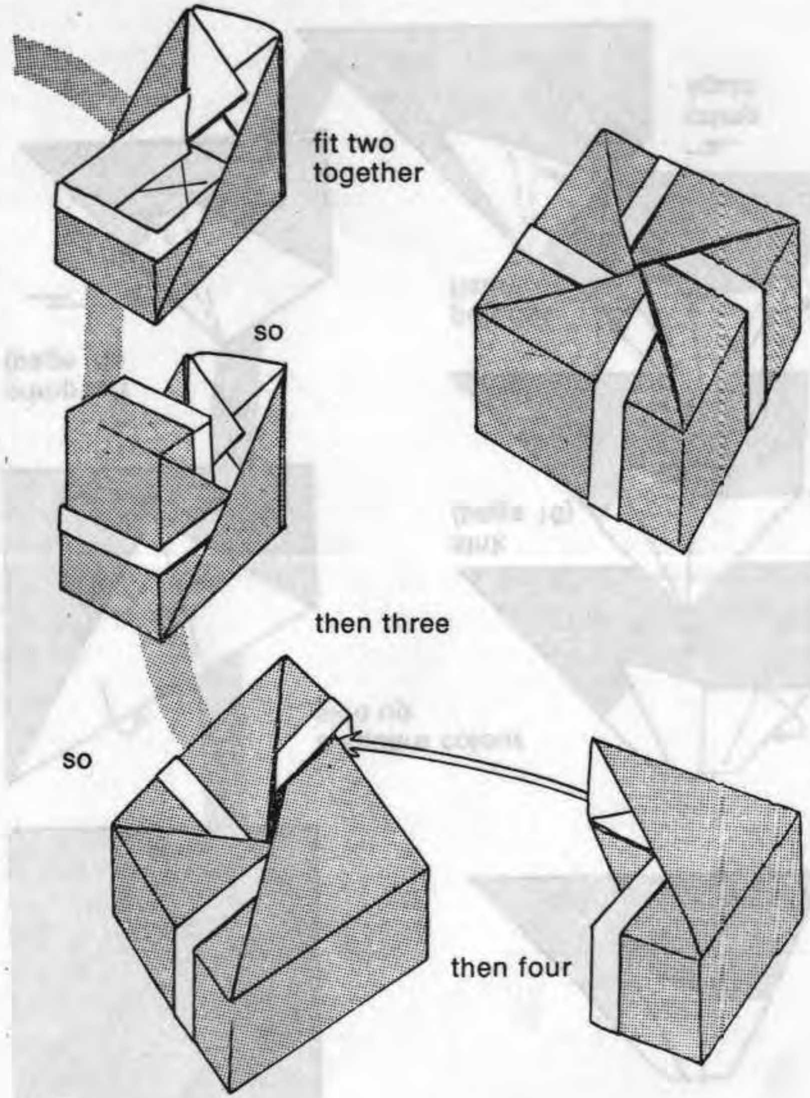
# **Super Box** Lewis Simon U.S.A.

use 4 squares
coloured one side



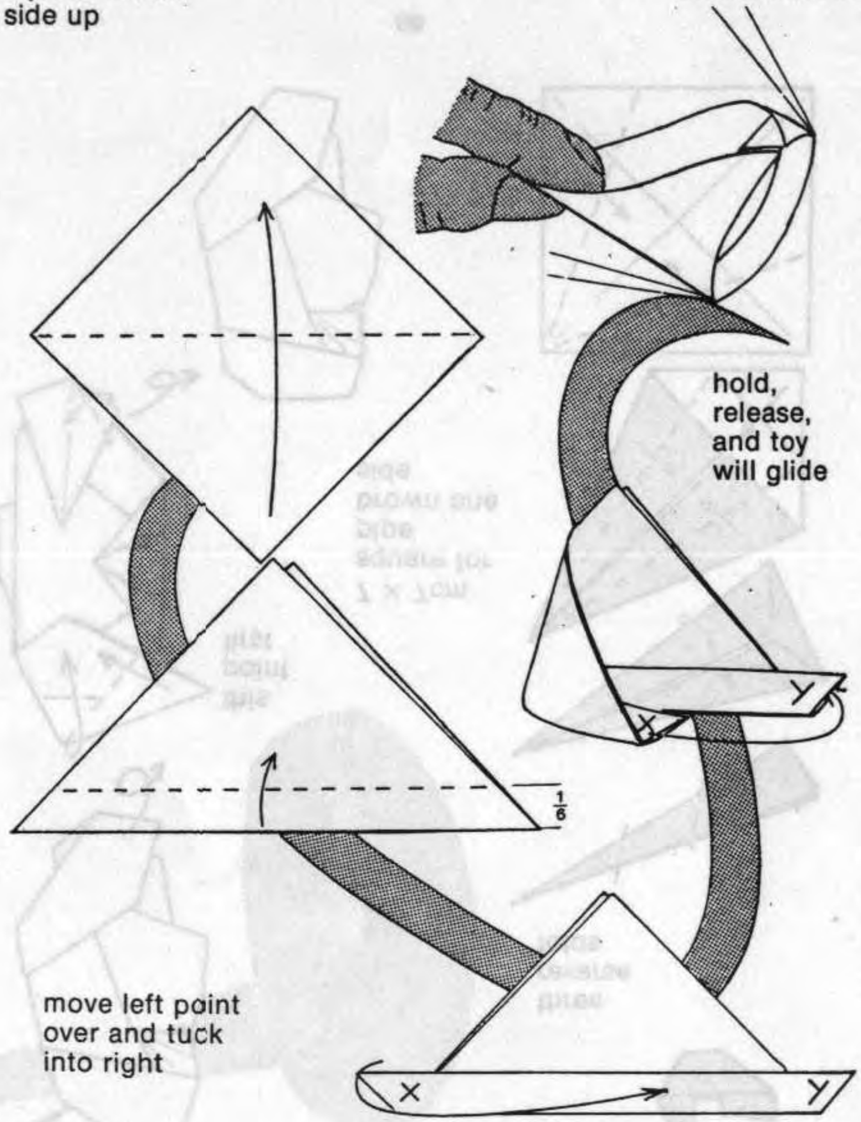



# **Super Box** concluded



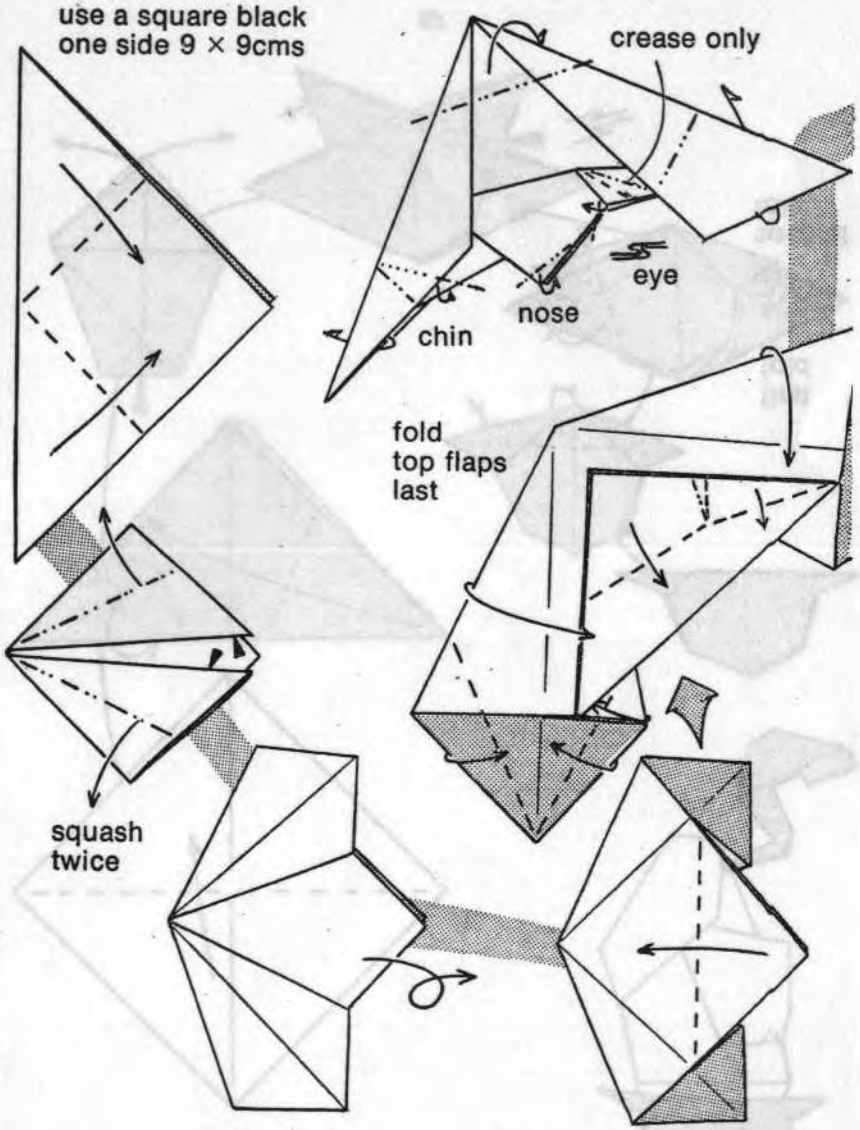
## **Gliding Toy** (Anon) Simon Williams collection

square white side up

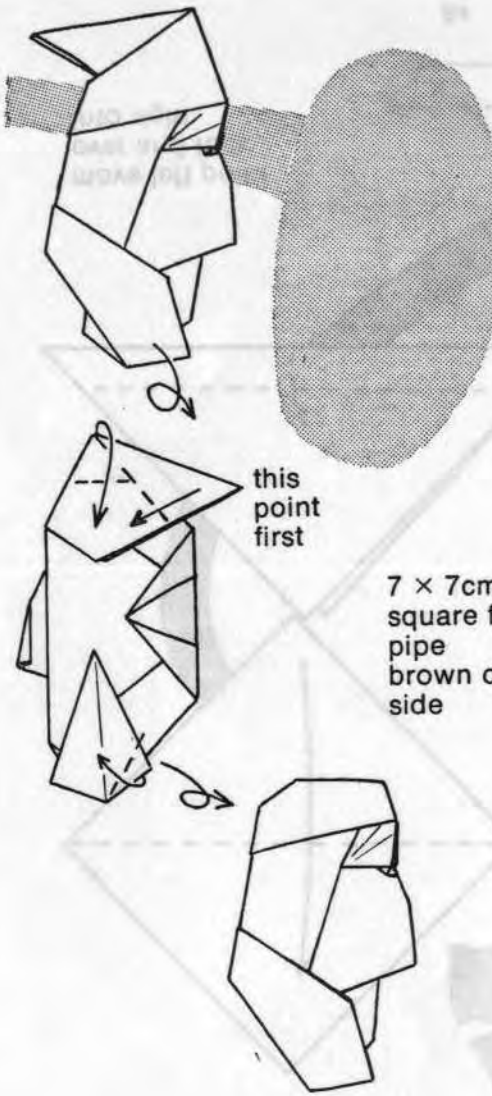





## **Sherlock Holmes** Robert W. Allen U.S.A.

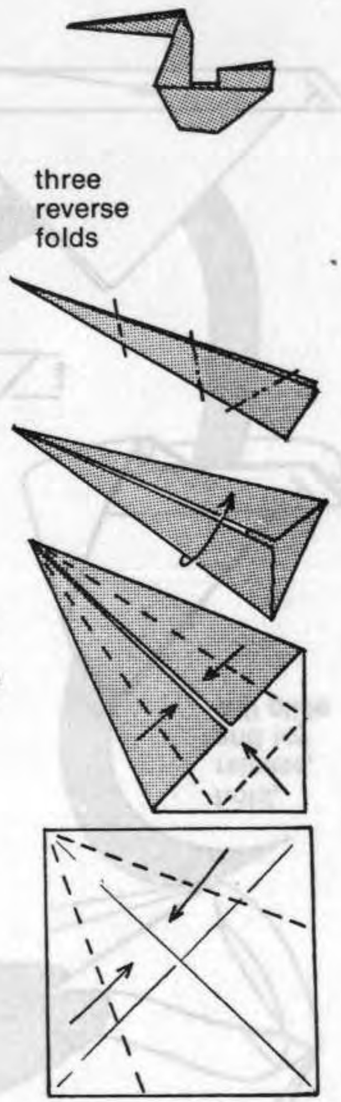


# Sherlock Holmes continued




## The Pipe

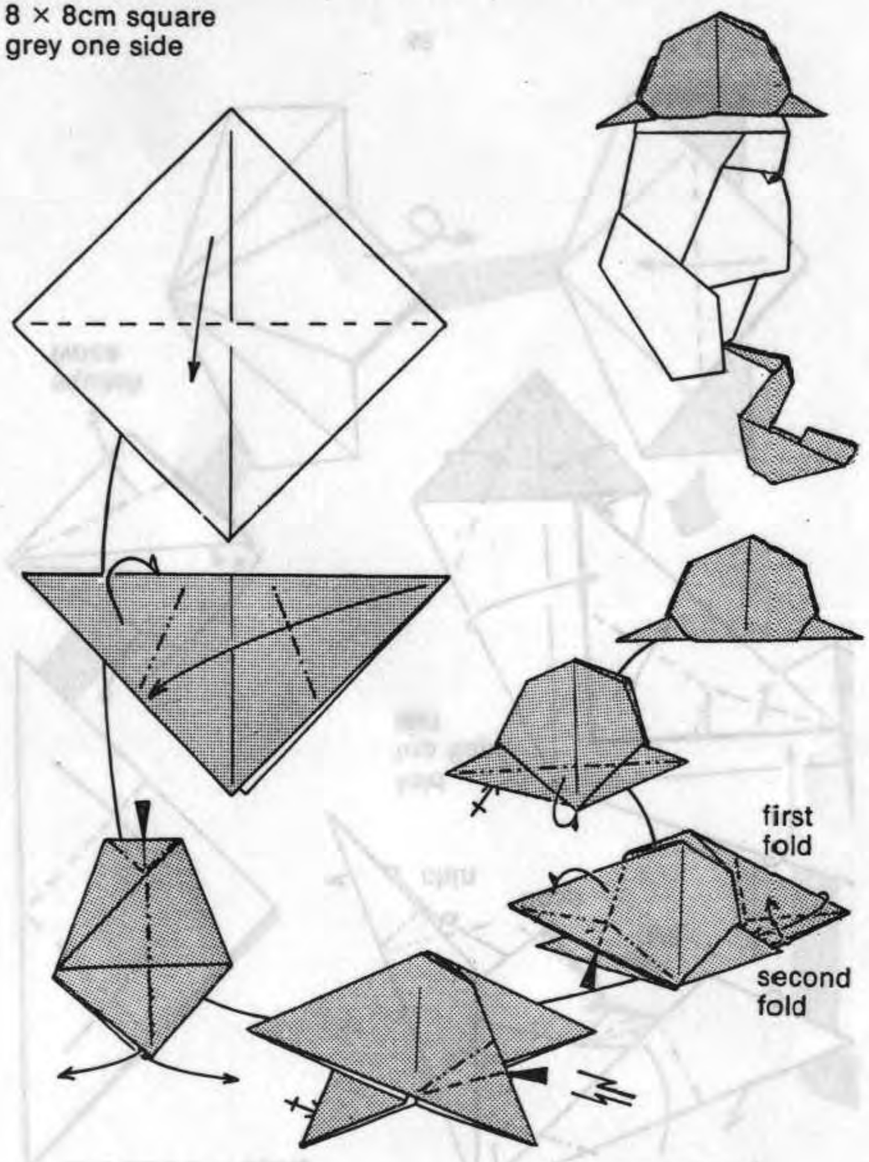
7 × 7cm square for pipe brown one side





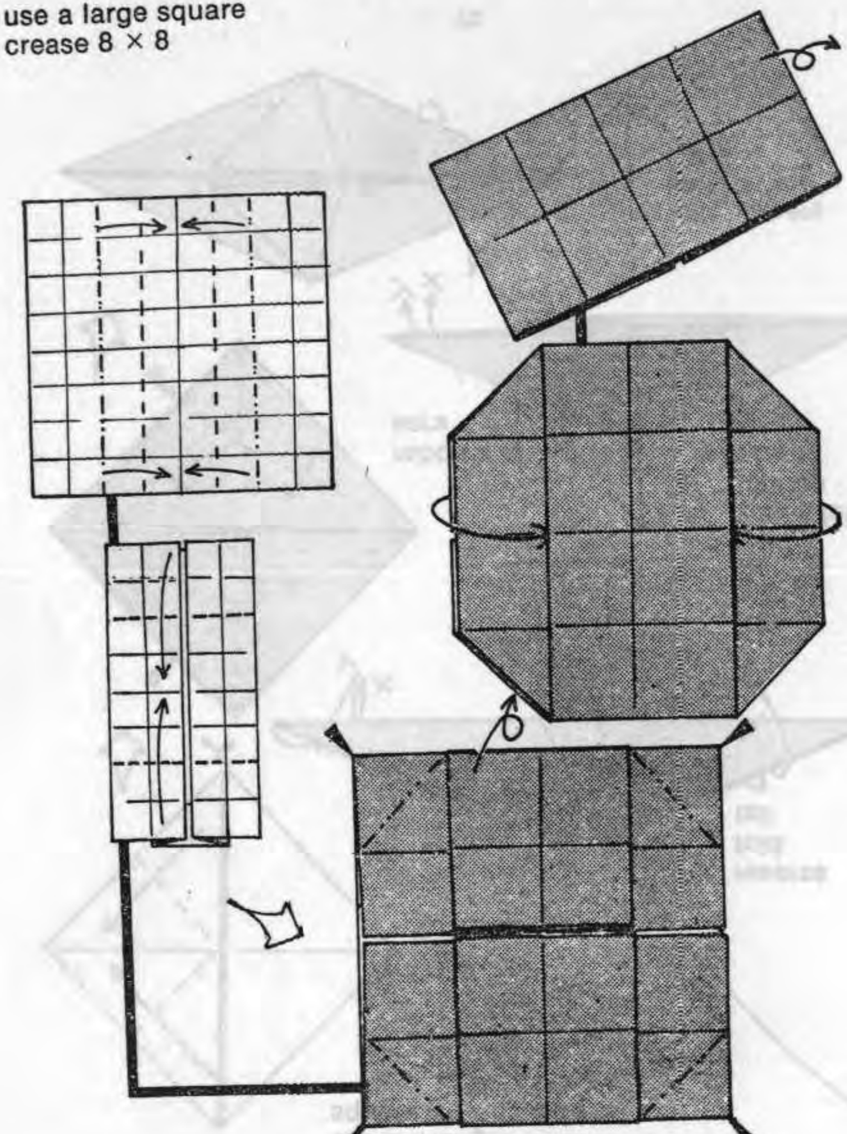

# Sherlock Holmes with Hat and Pipe

8 × 8cm square grey one side



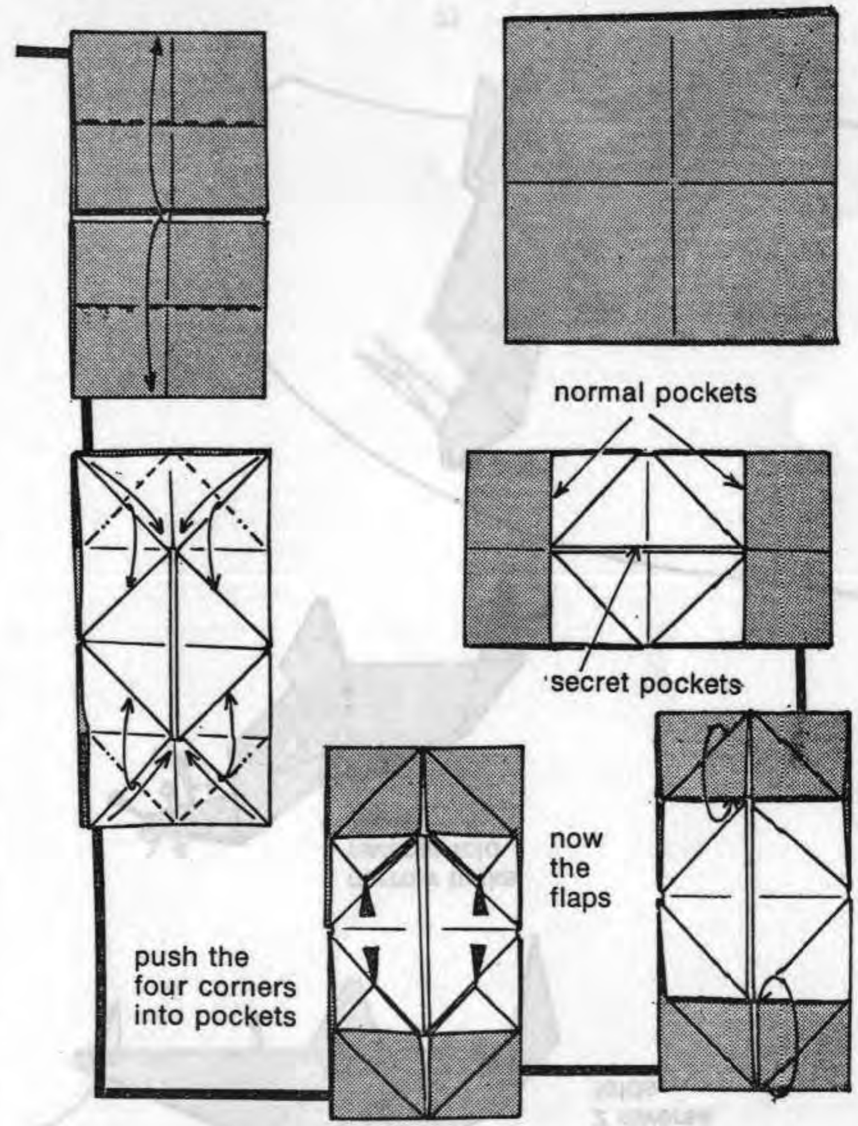
# Smuggler's Wallet Vernon Holden Australia

use a large square
crease 8 × 8

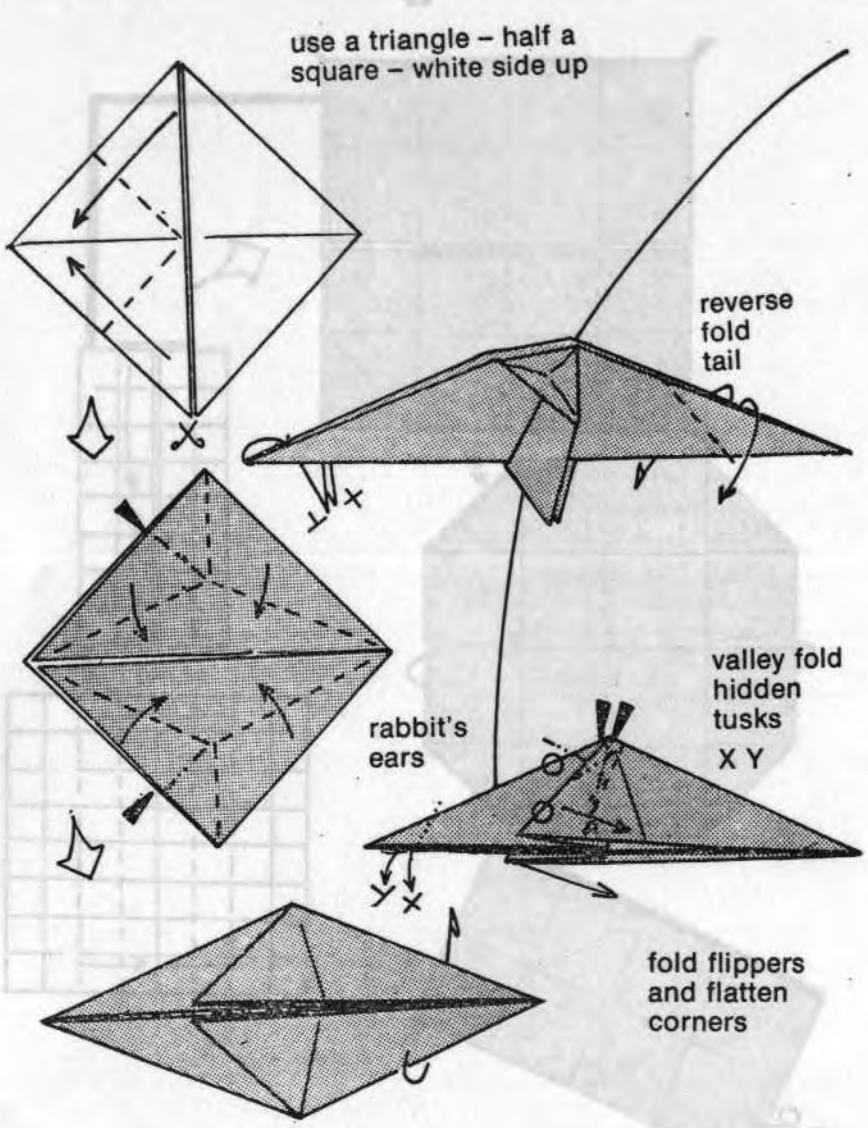




# Smuggler's Wallet continued

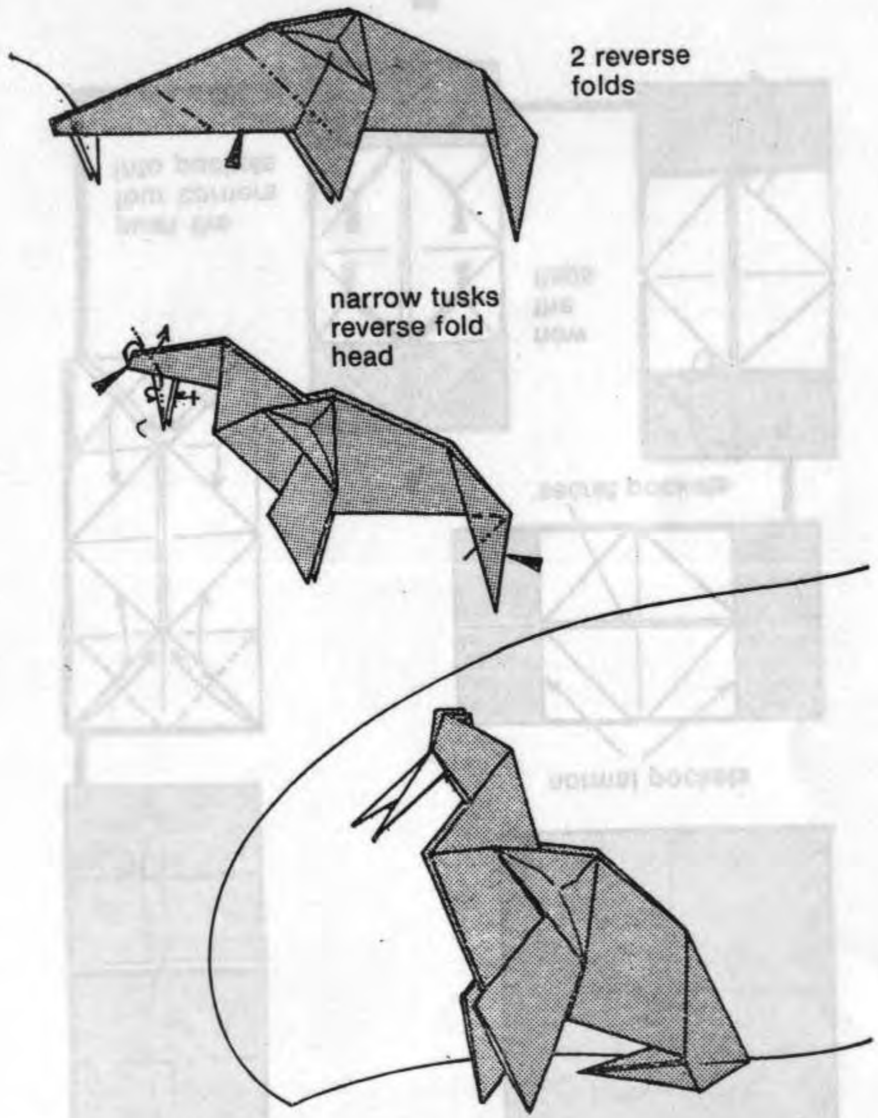


# **Walrus** John French Gt. Britain

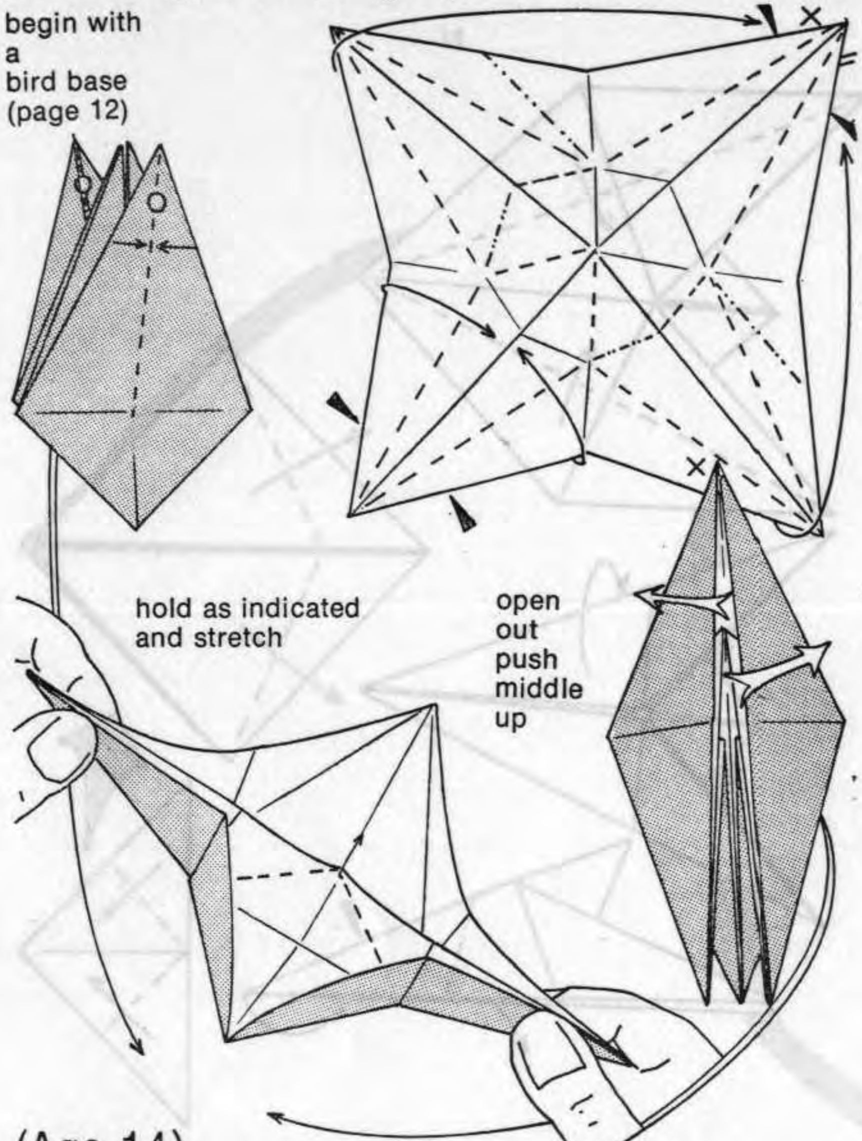





# **Walrus** concluded



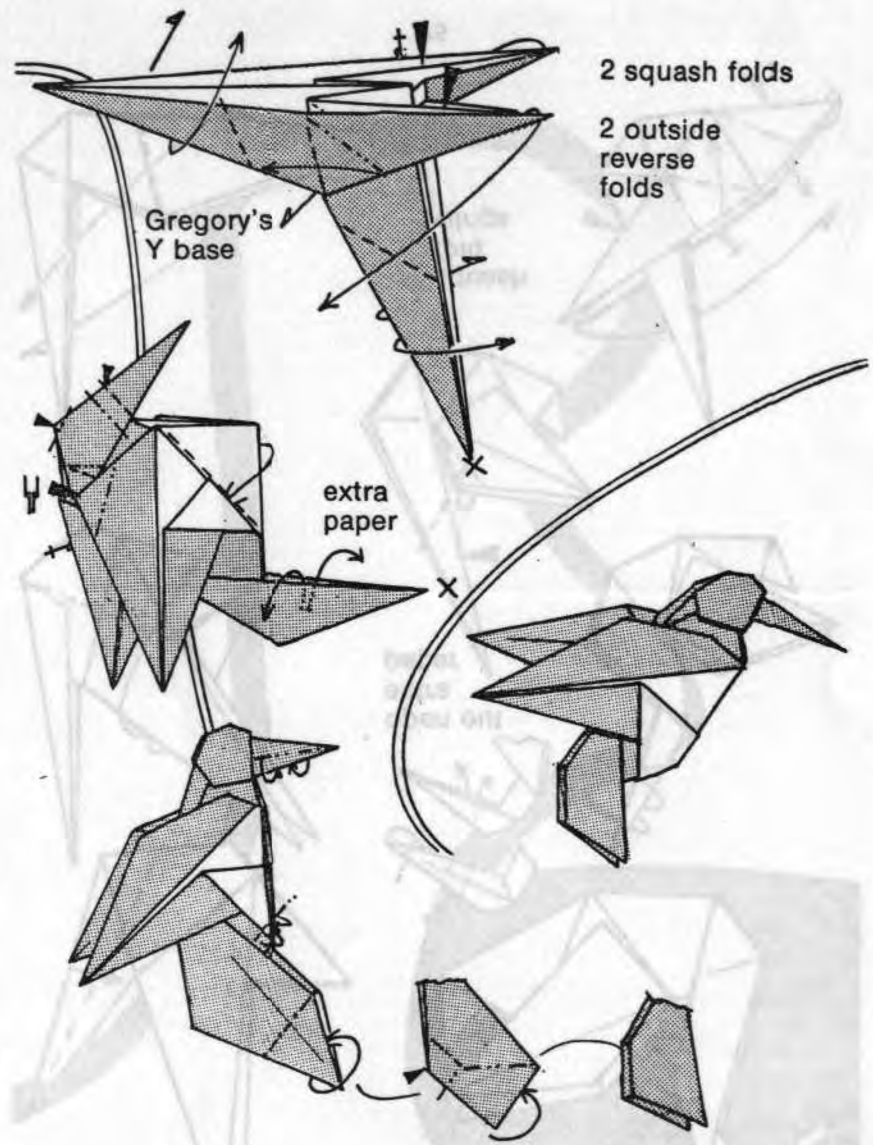
# Humming Bird Gregory Knesner U.S.A.




(Age 14)



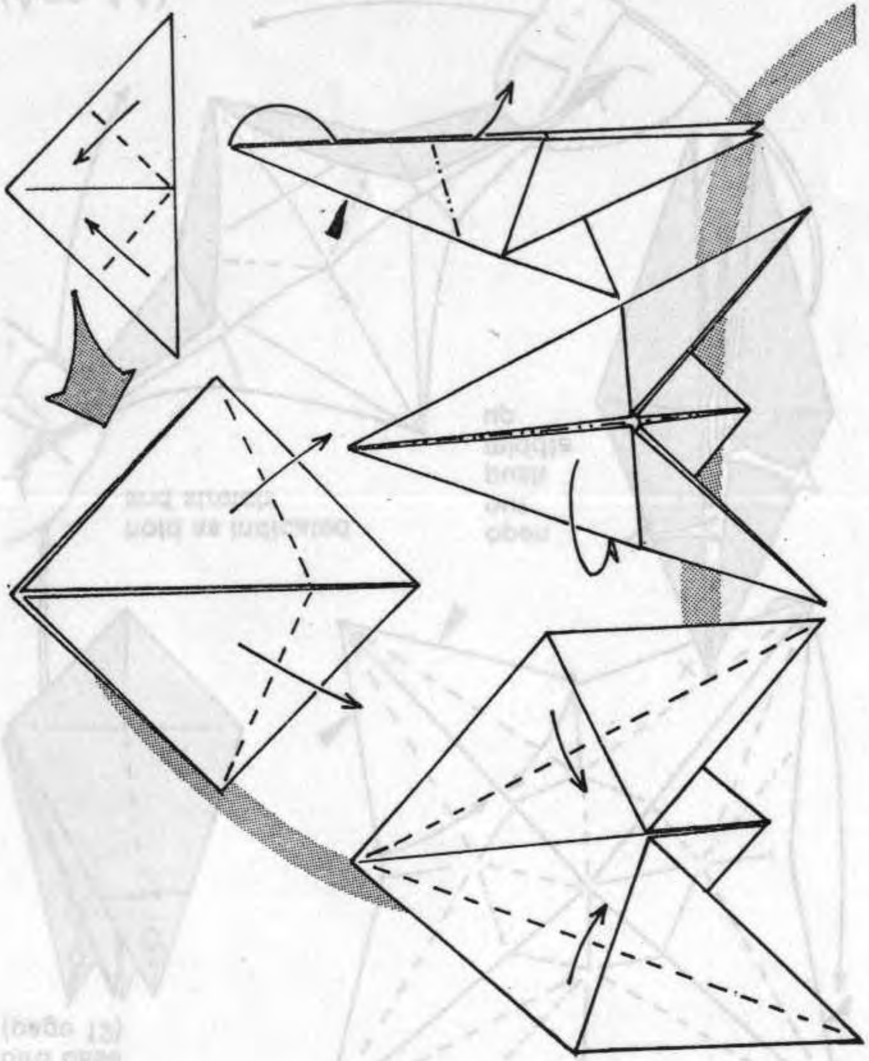
# Humming Bird concluded Excellent



# **Swan** John French

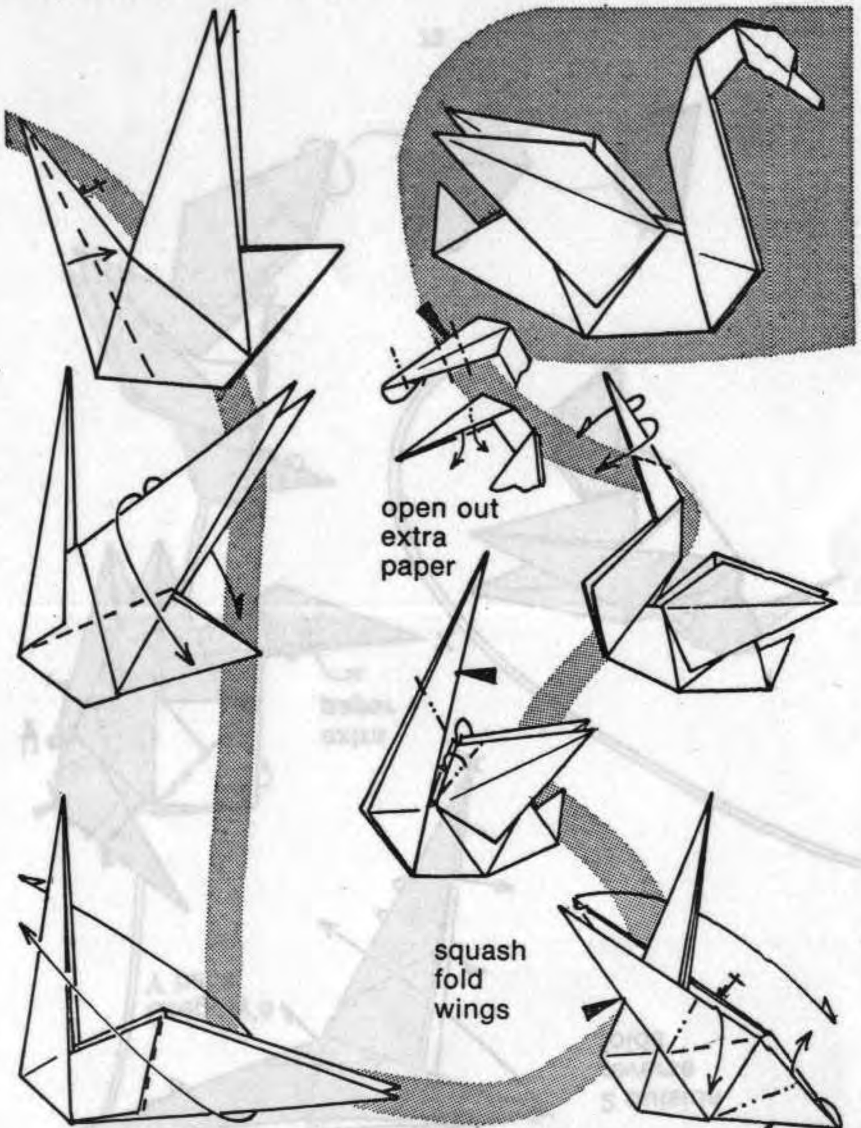
Gt. Britain

use a triangle (white)
see page 70



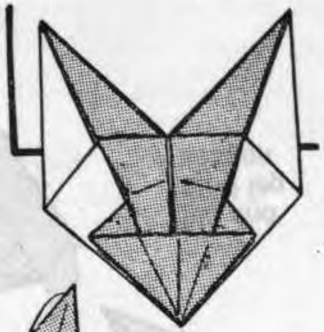


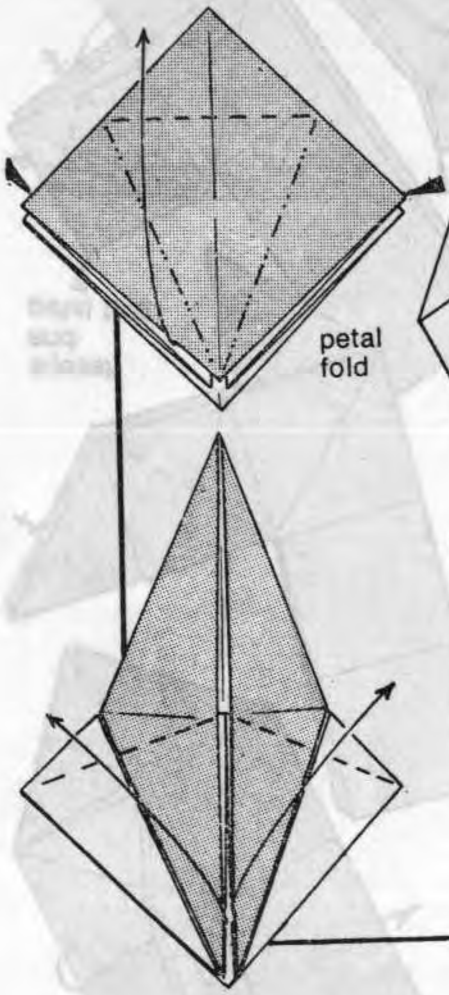
# **Swan** concluded

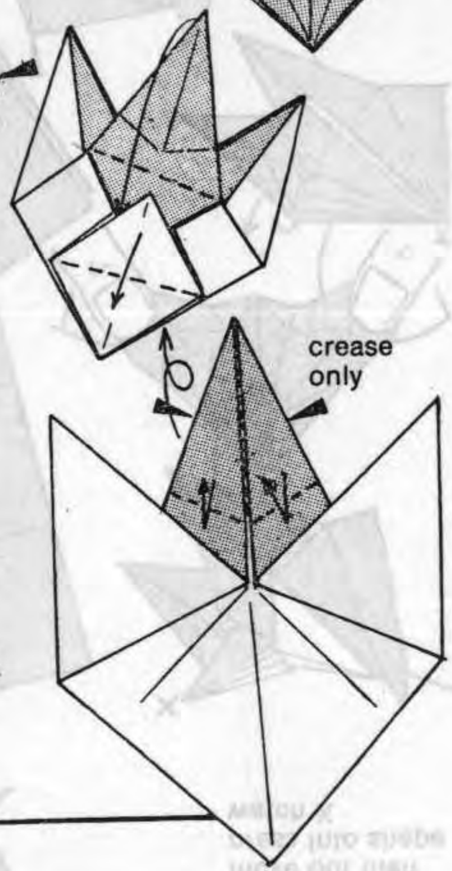


# **Siamese Cat** Daniel Porter U.S.A.

paper square grey one side
fold up to step 2 page 166
Origami 2 (U.S.A. New Adventures)



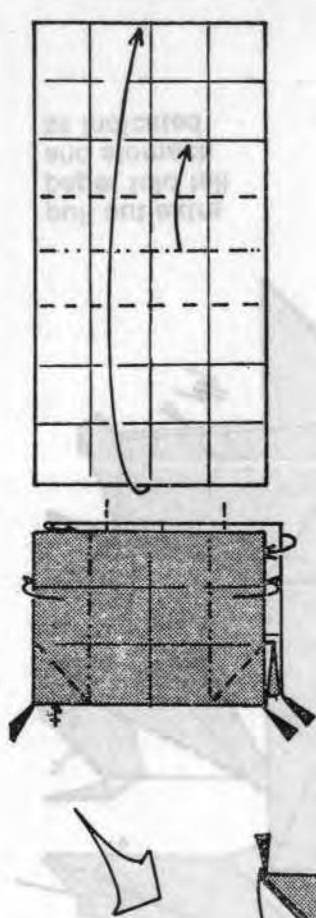


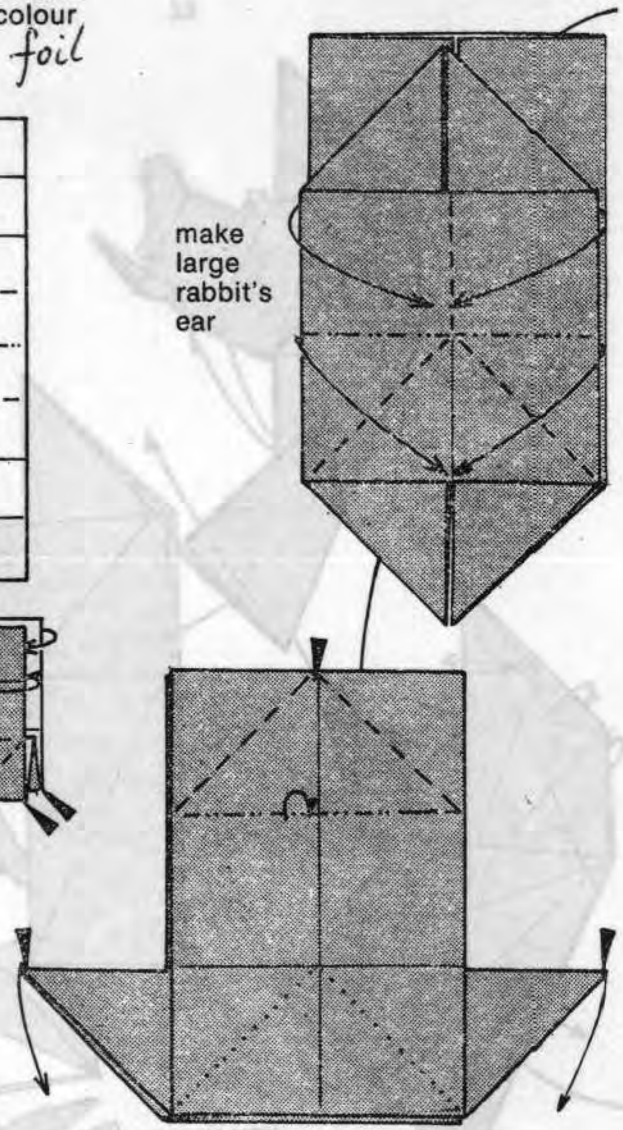


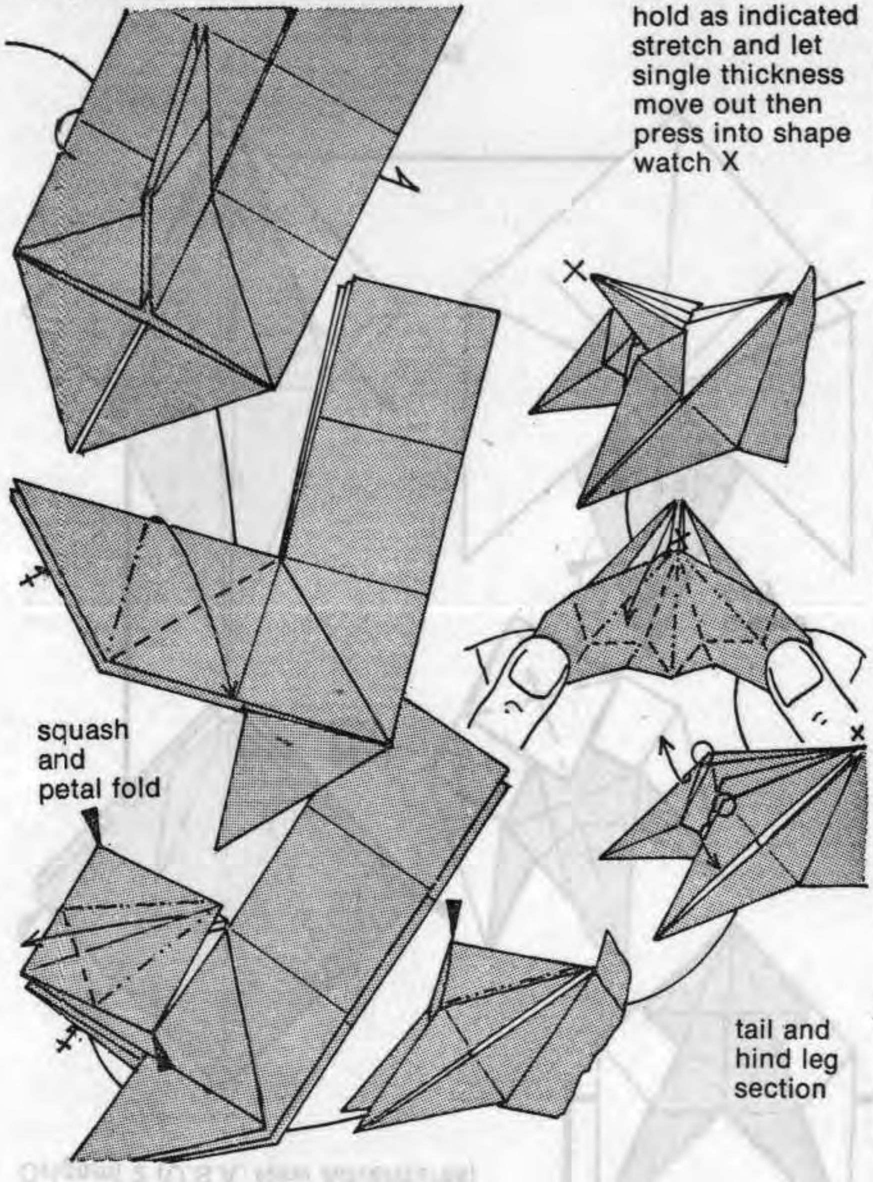



# **Elephant** Neal Elias U.S.A.

2 × 1 rectangle creased
with valley folds colour
under *Thin foil*







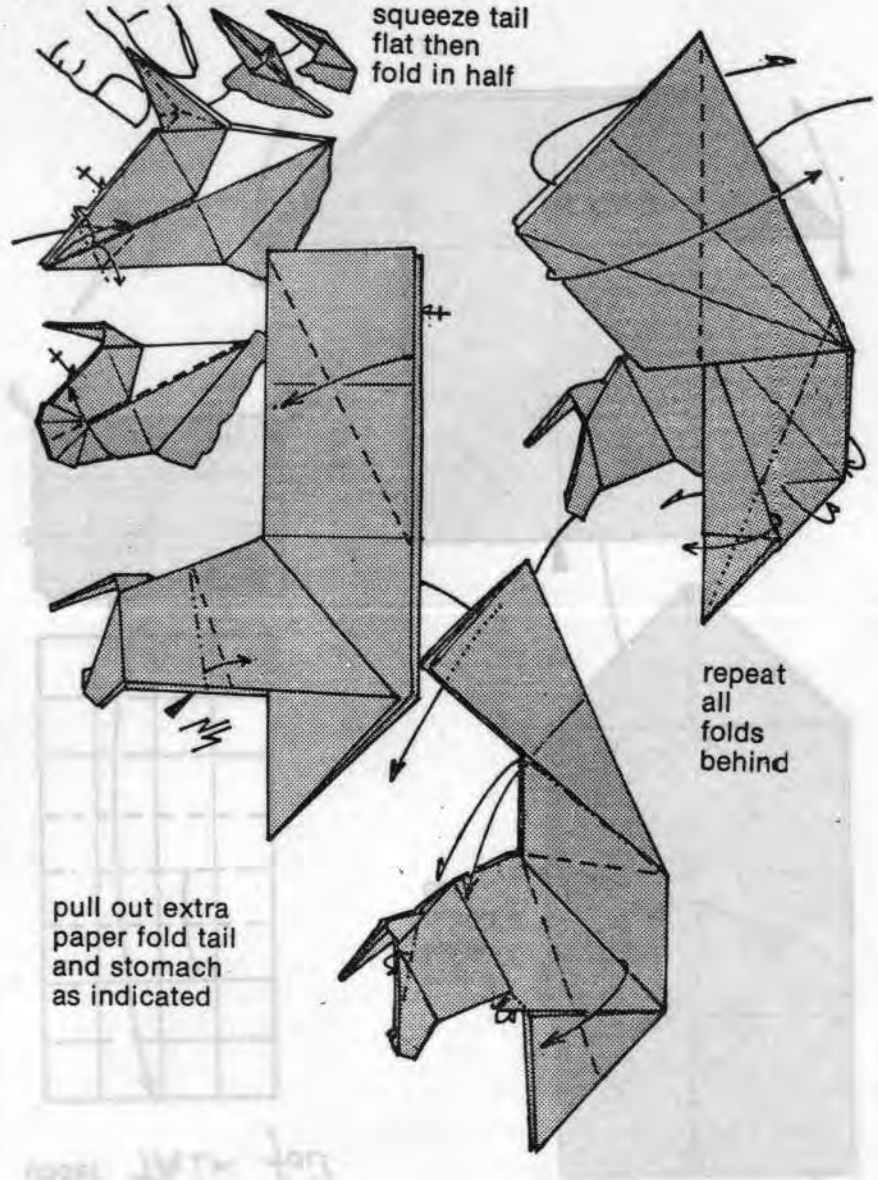
hold as indicated stretch and let single thickness move out then press into shape watch X

squash and petal fold

tail and hind leg section





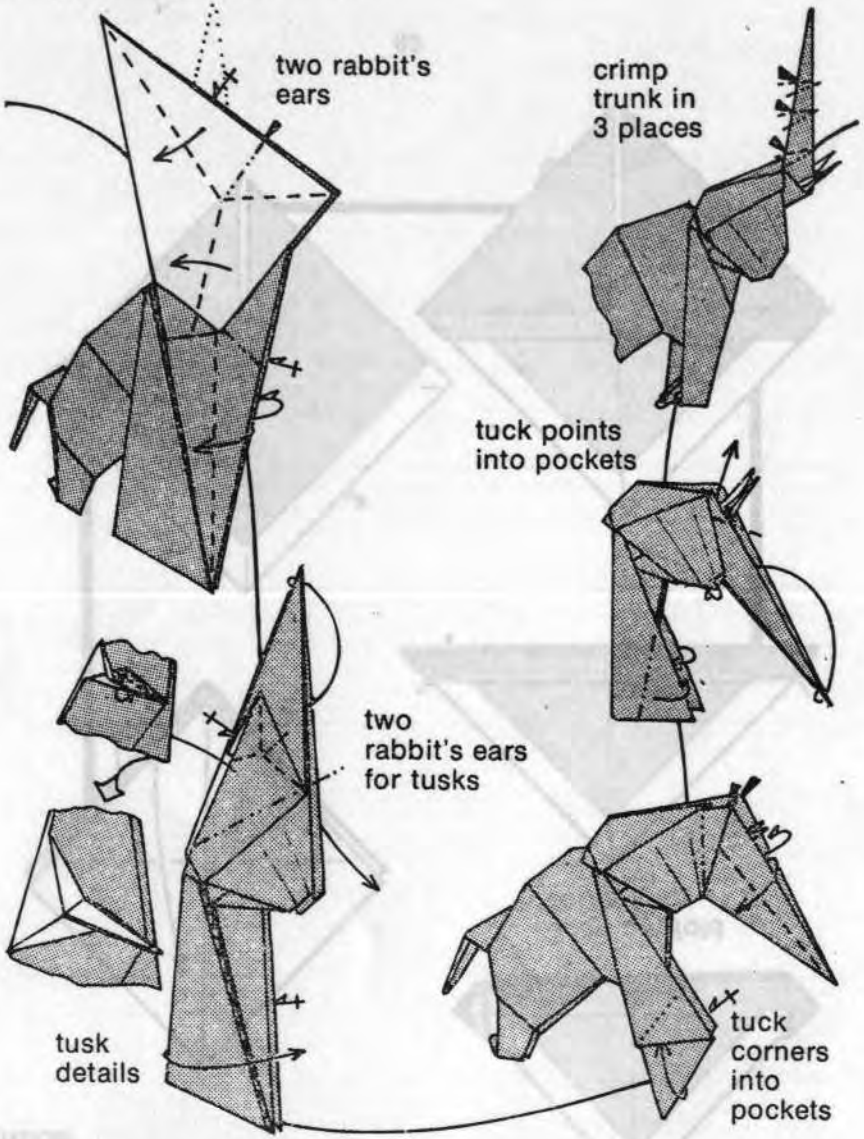


squeeze tail flat then fold in half

repeat all folds behind

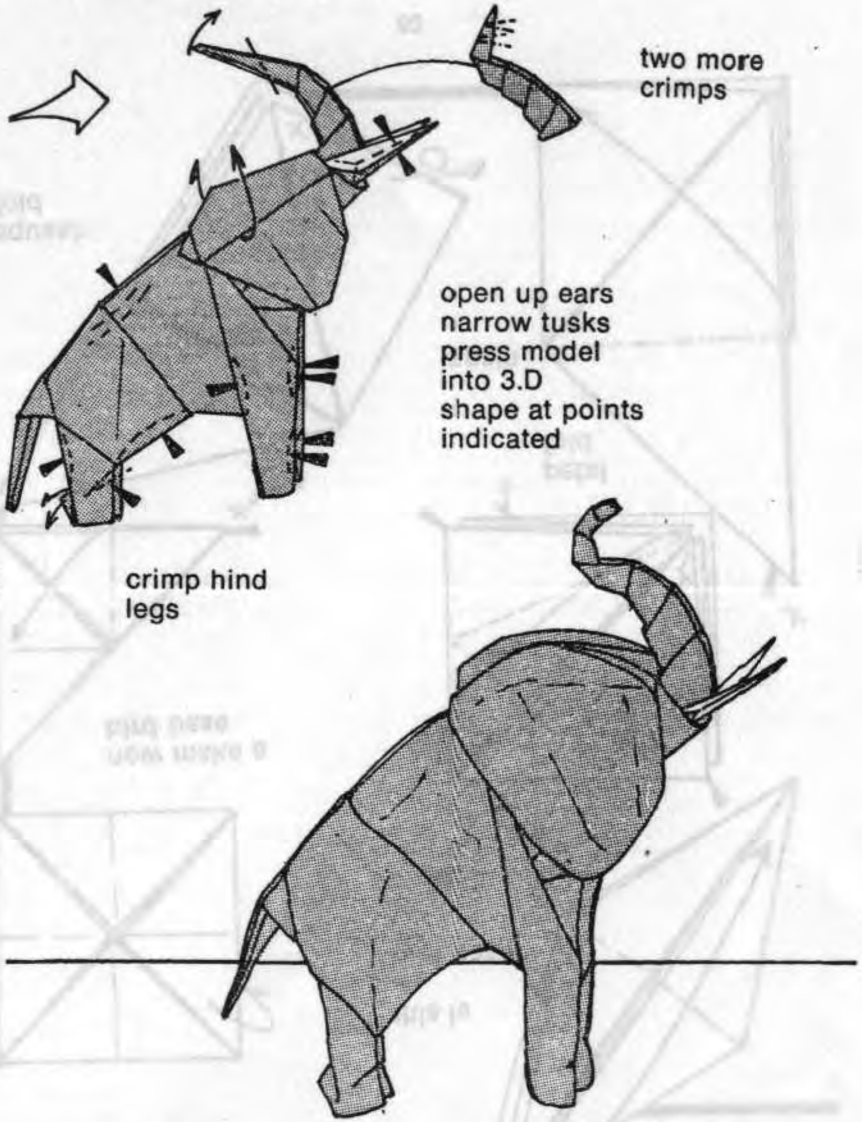
pull out extra paper fold tail and stomach as indicated

# **Elephant** continued



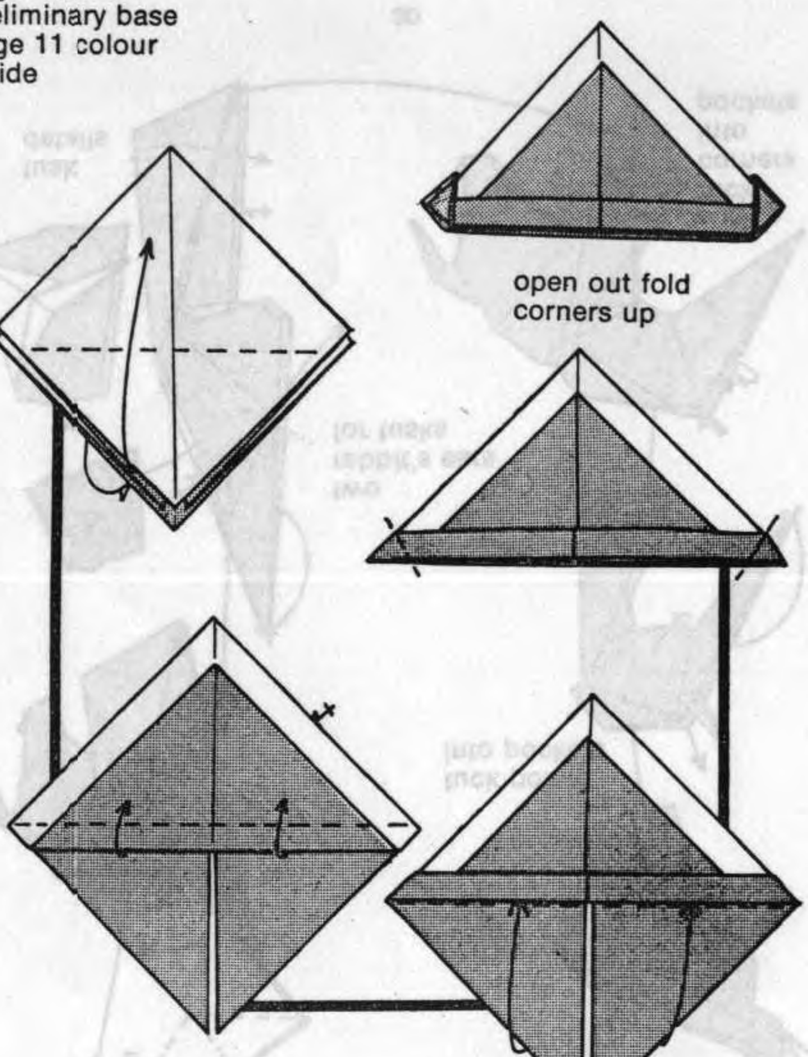



# **Elephant** concluded



## **Hat** Robert Harbin Gt. Britain

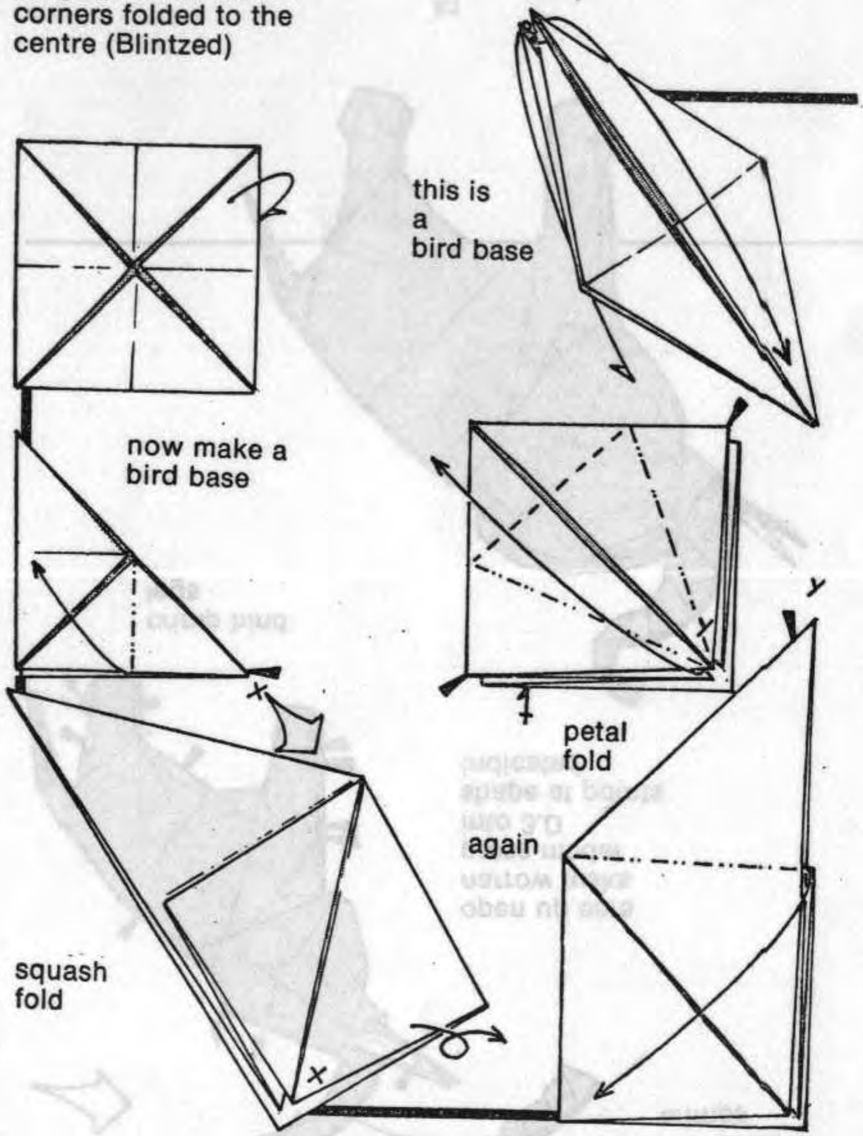
begin with a preliminary base page 11 colour inside

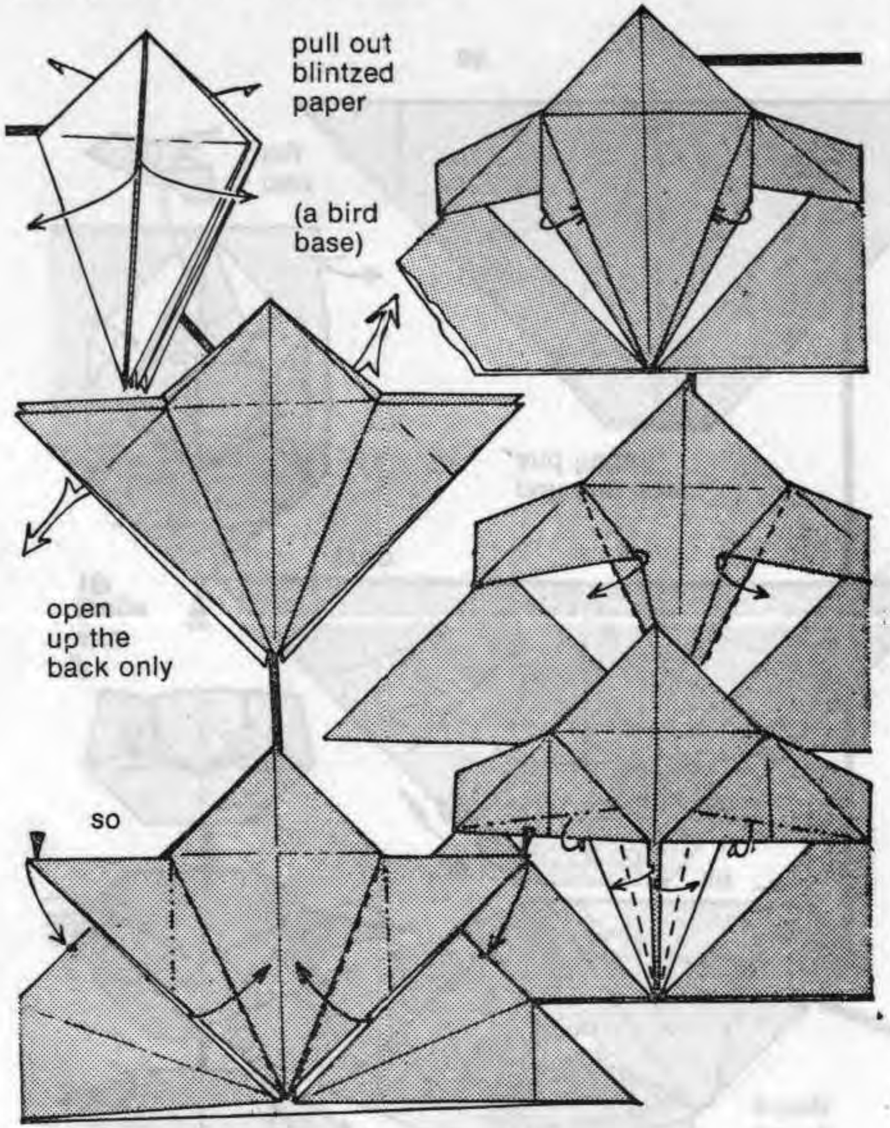





## **Baby Grand** Patricia Crawford U.S.A.

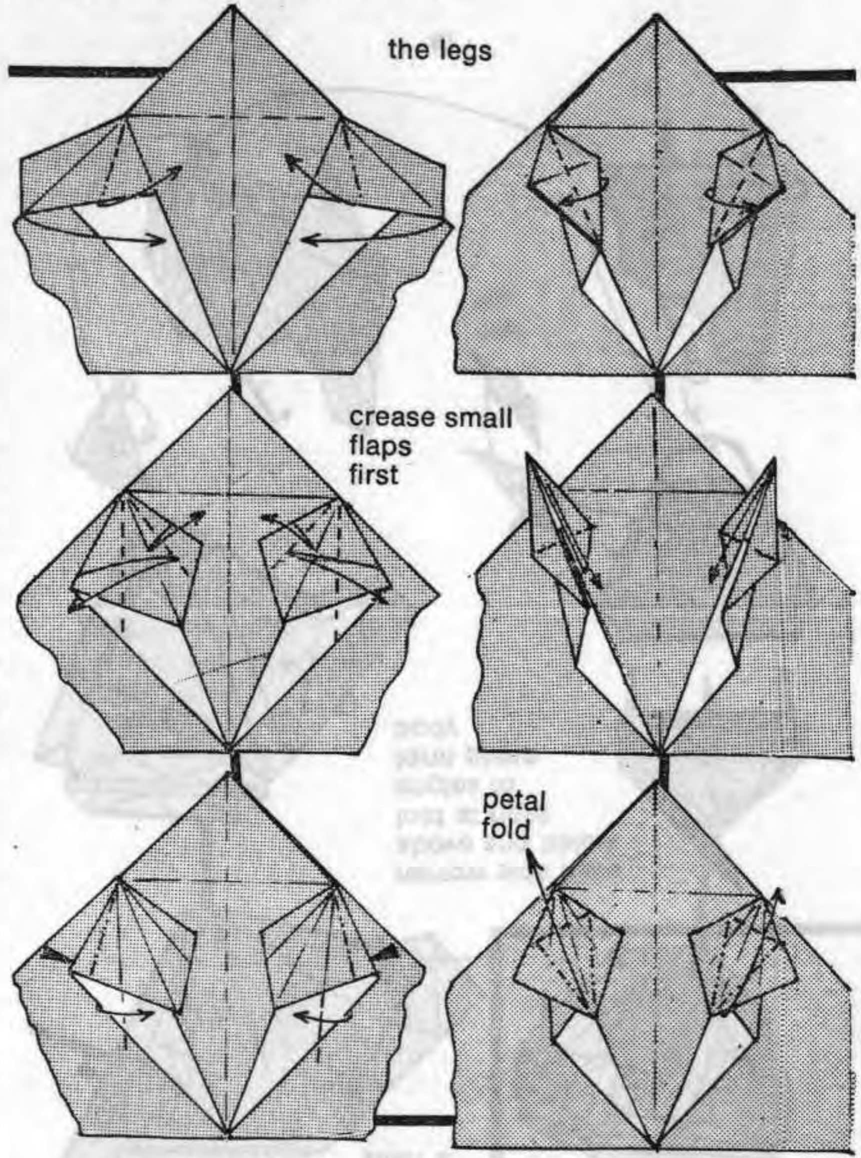
a square of foil four corners folded to the centre (Blintzed)



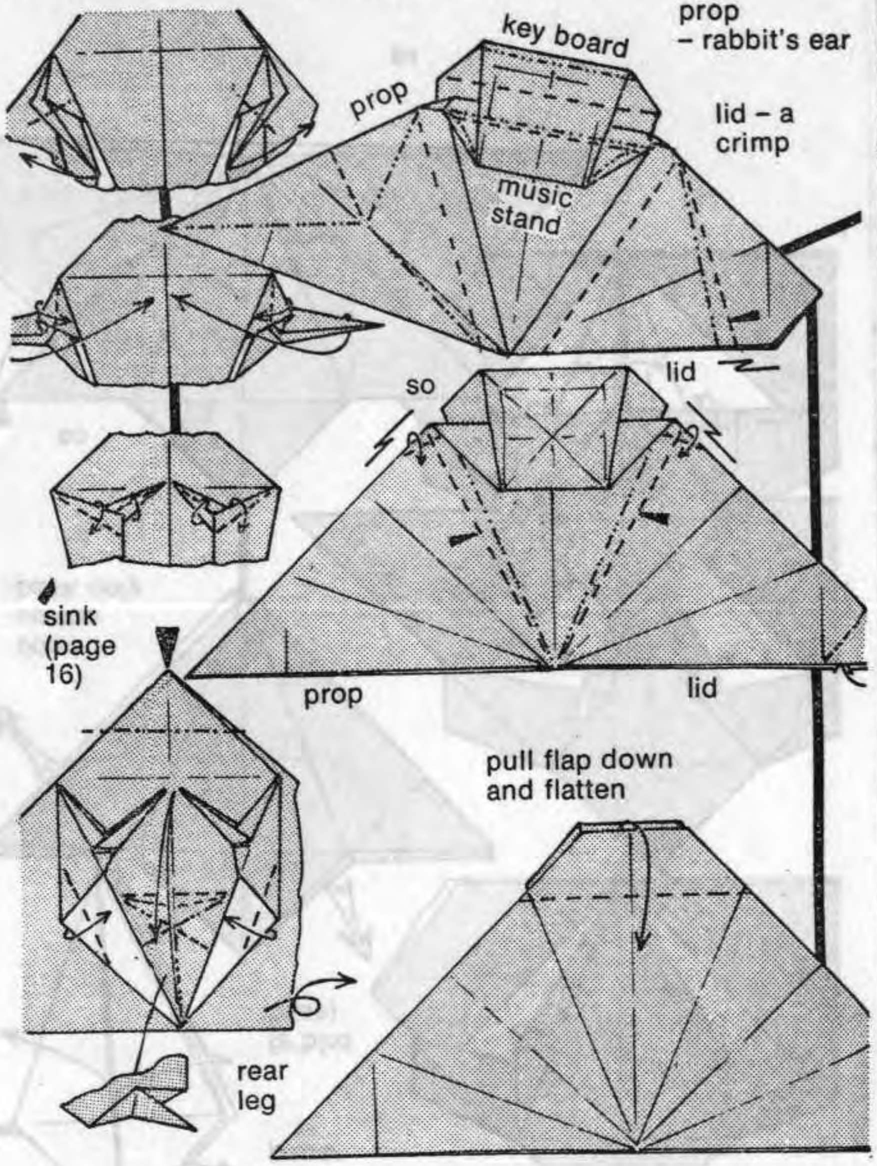

pull out
blintzed
paper
(a bird
base)
open
up the
back only
so





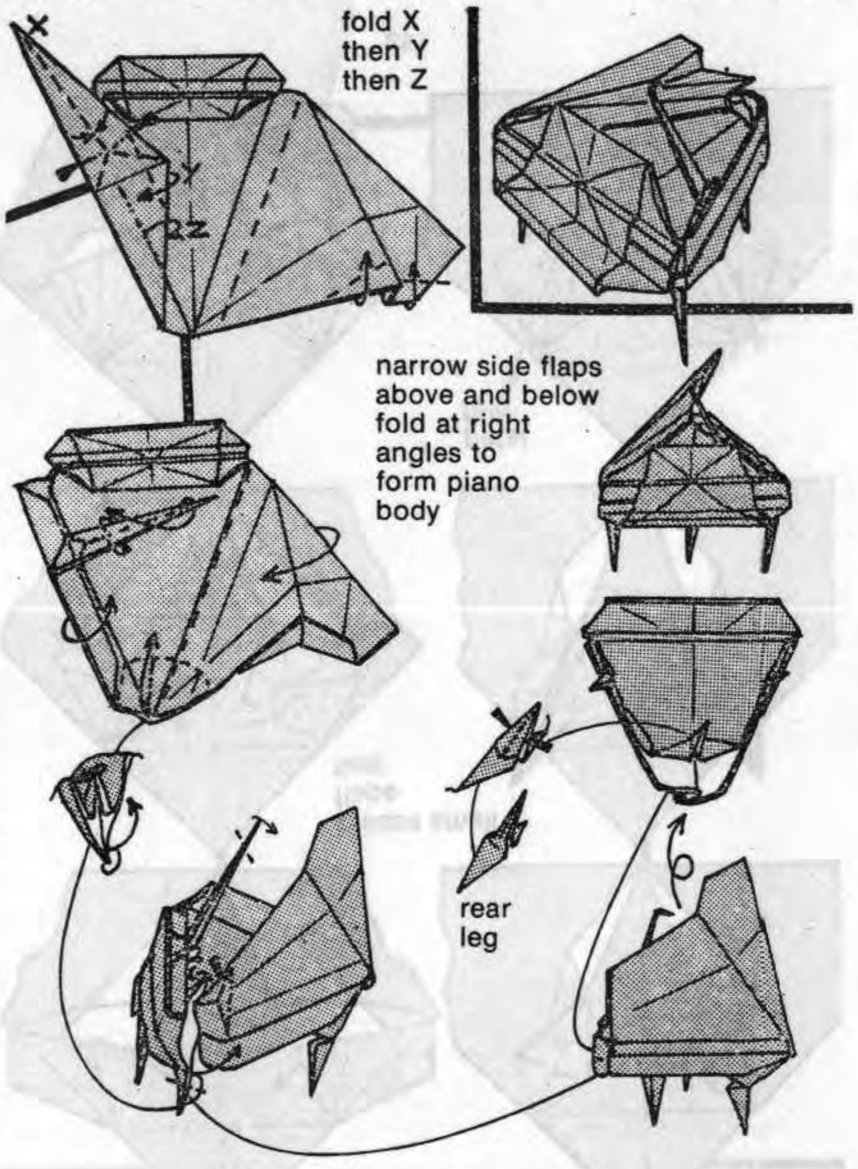

the legs
crease small
flaps
first
petal
fold

## Baby Grand continued — It is easy really



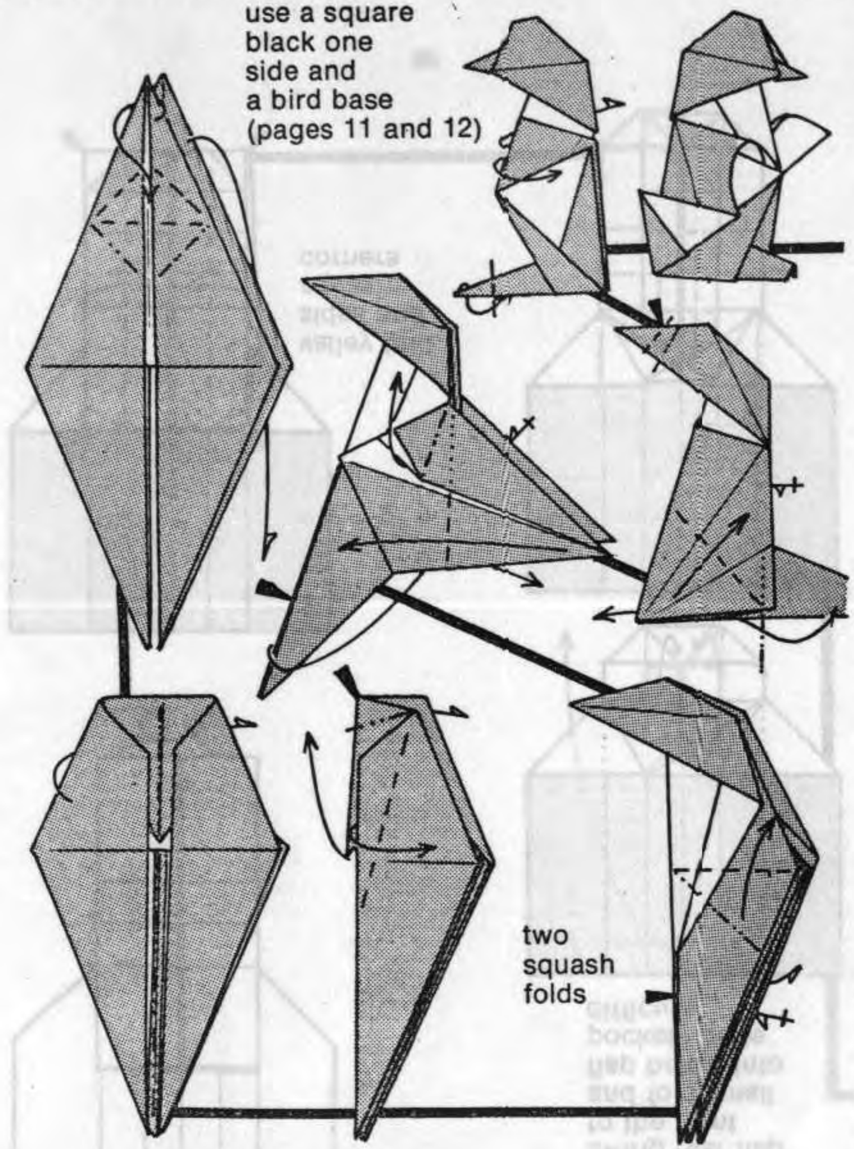



## Baby Grand concluded — A great fold



## **Baby Penguin** Joel Stern U.S.A.

use a square
black one
side and
a bird base
(pages 11 and 12)

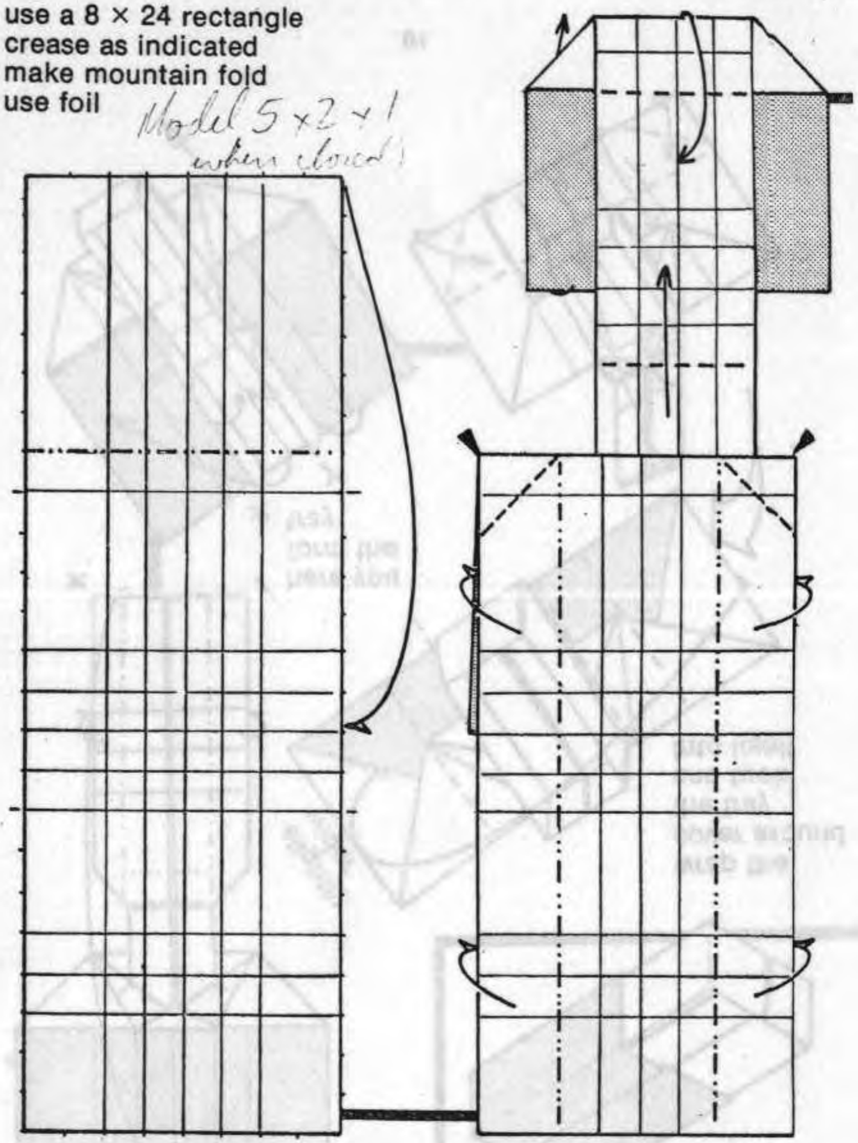




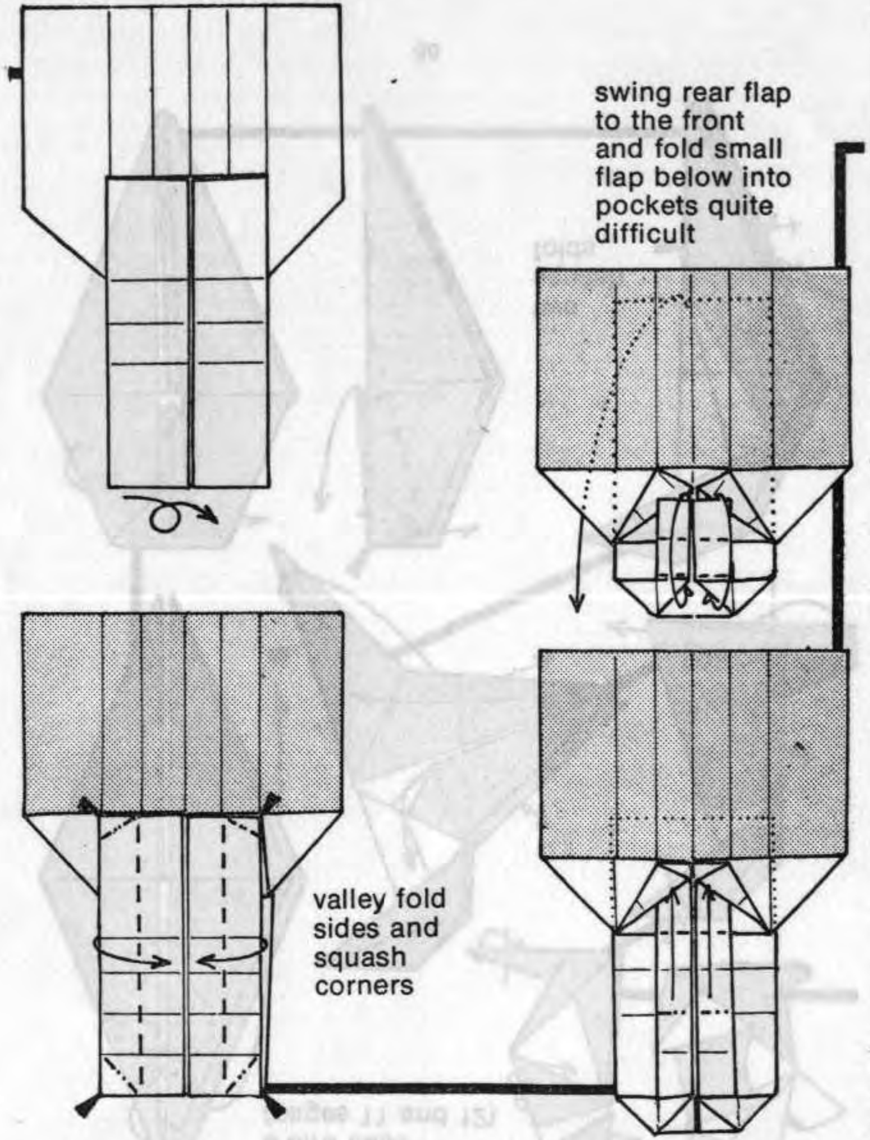

## **Match Box** Martin Wall Gt. Britain

use a 8 × 24 rectangle
crease as indicated
make mountain fold
use foil

Model 5 × 2 × 1 (when closed)

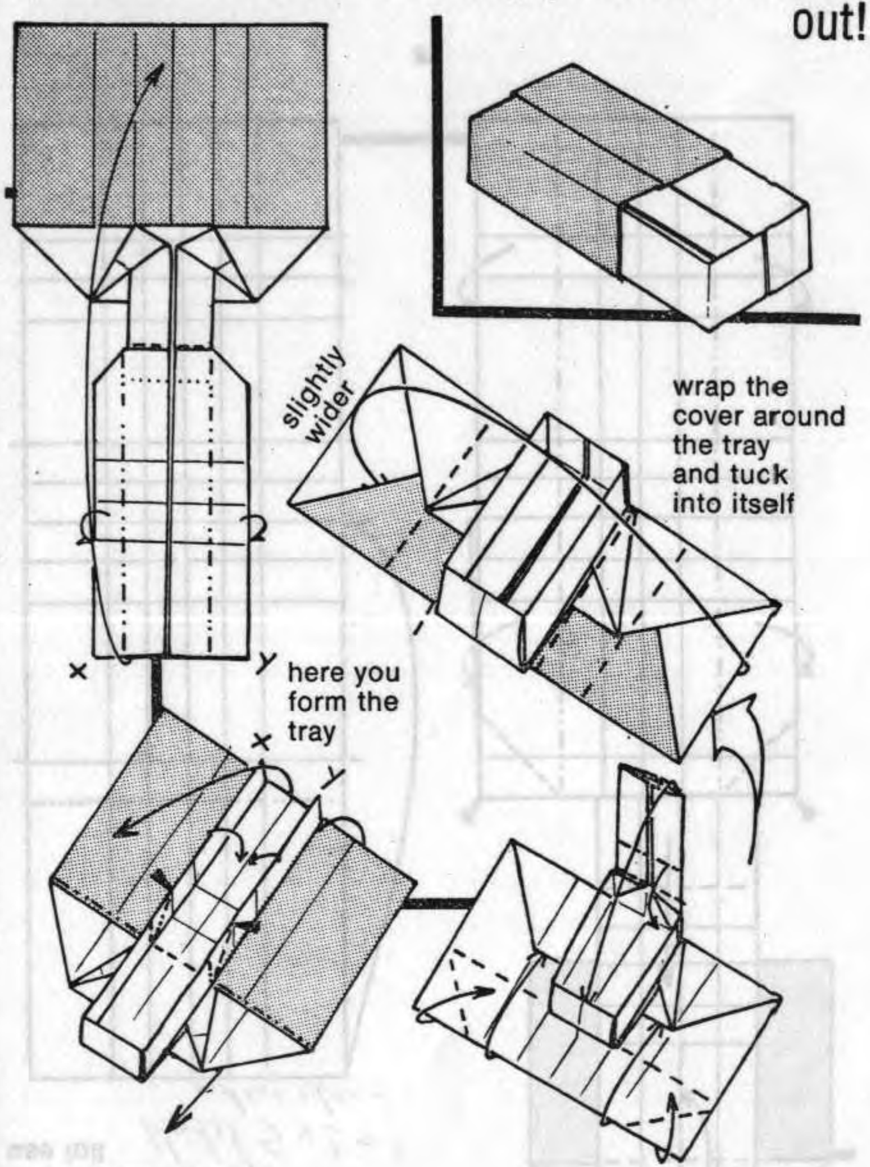


# Match Box continued





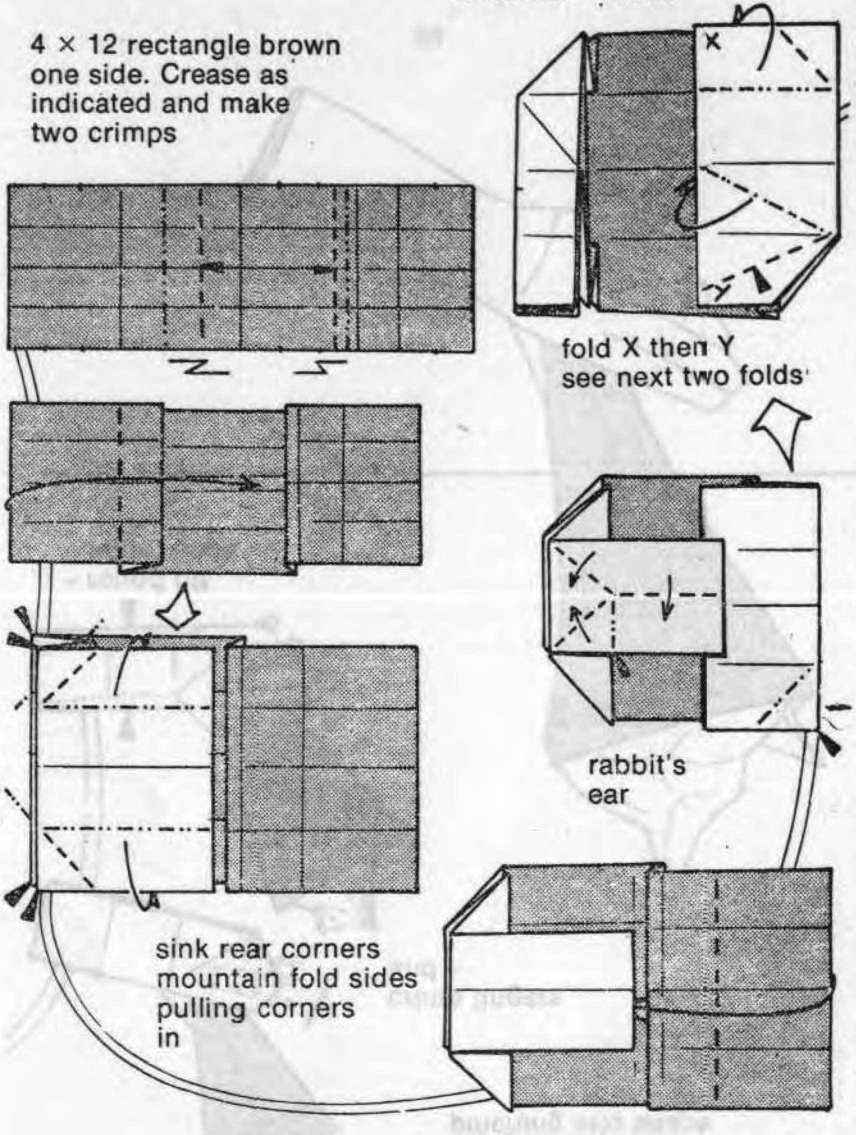

# Match Box Presto! The tray pushes in and out!



# Hand with Olympic Torch

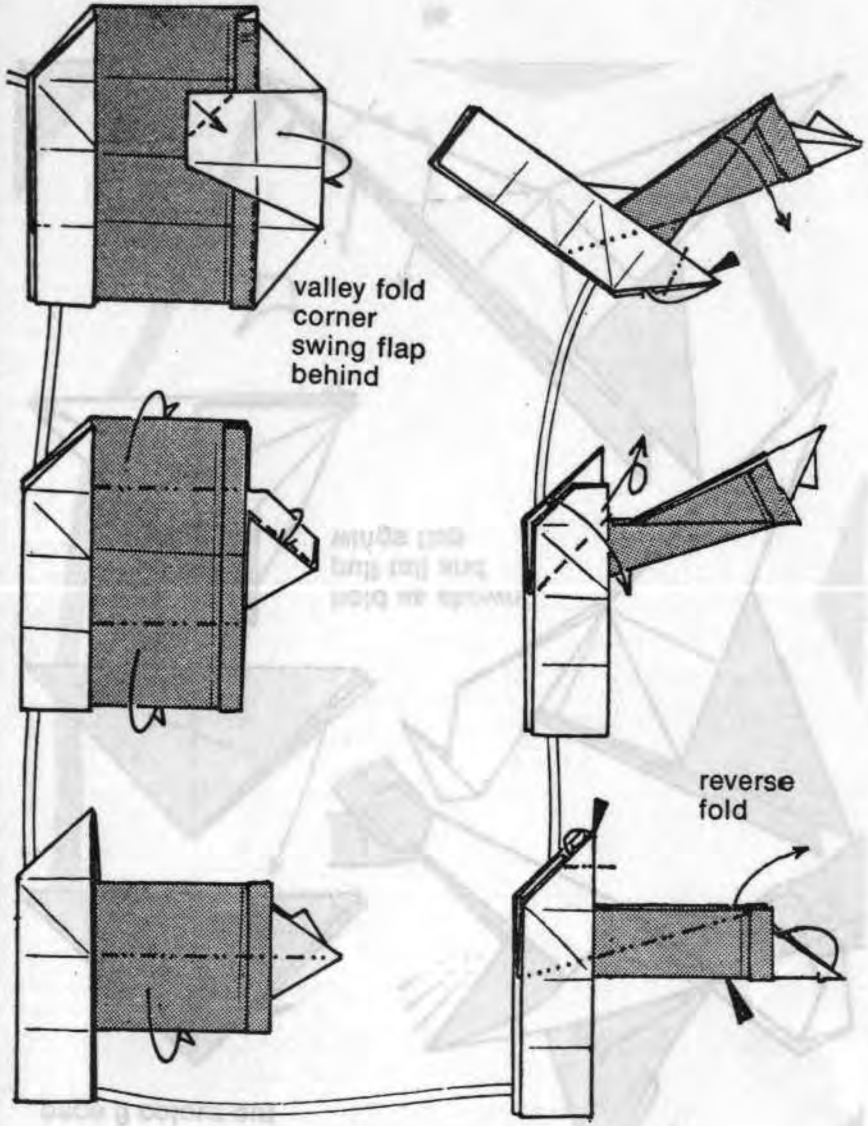
Gt. Britain
Martin Wall

4 × 12 rectangle brown one side. Crease as indicated and make two crimps

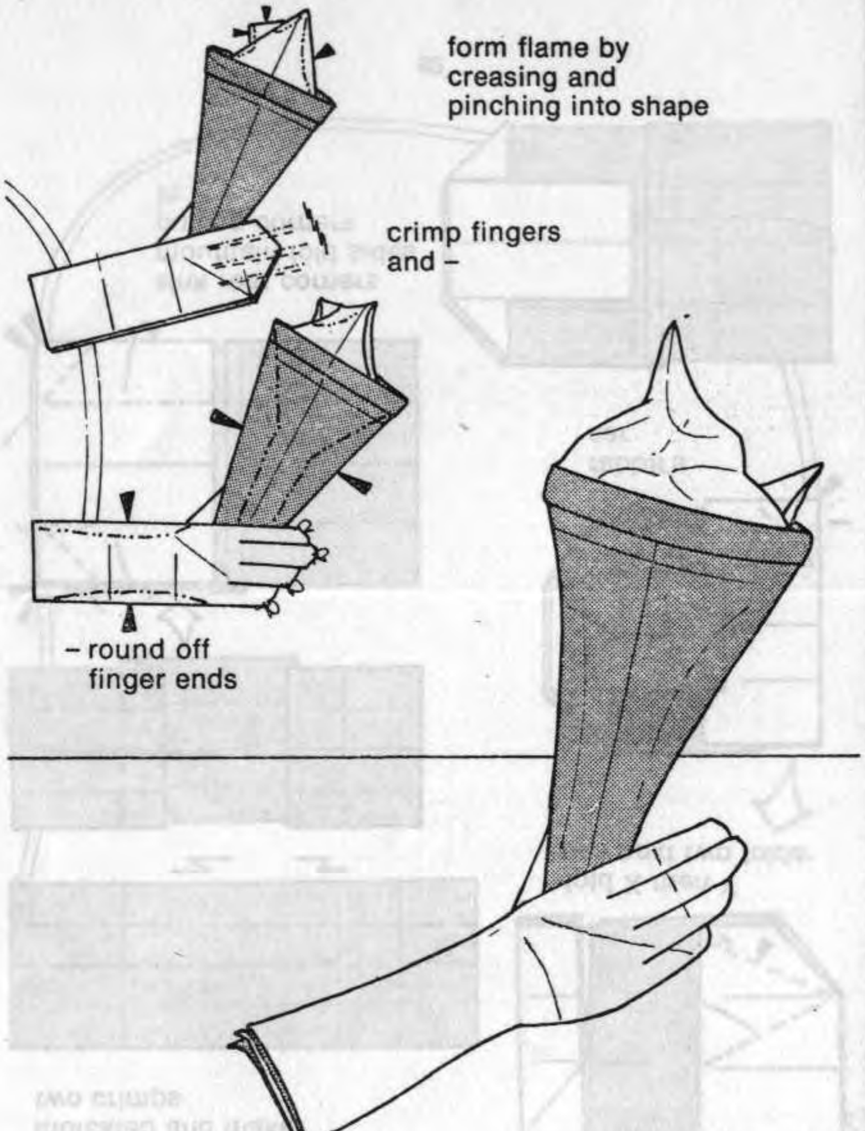





# Hand with Torch continued

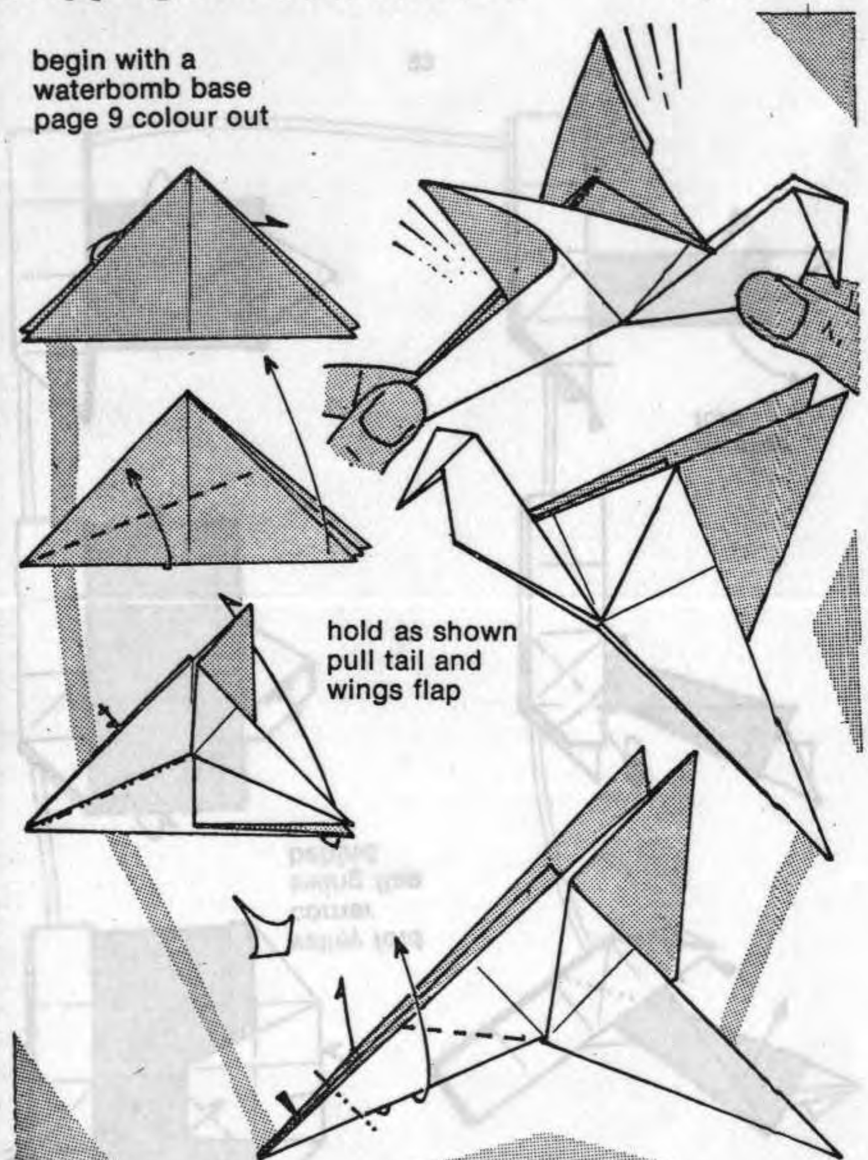


## Hand with Olympic Torch Olympian



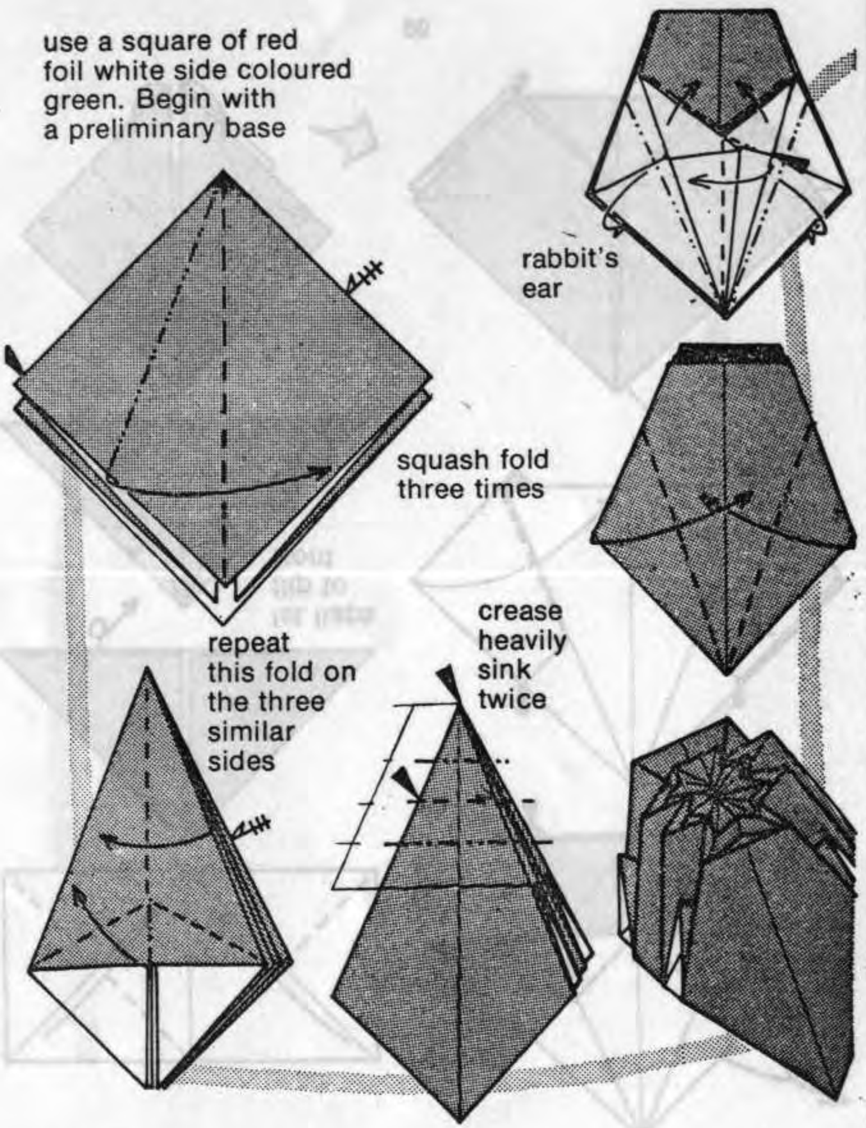



## Flapping Bird Paul Jackson Gt. Britain



# **Rose** Martin Wall

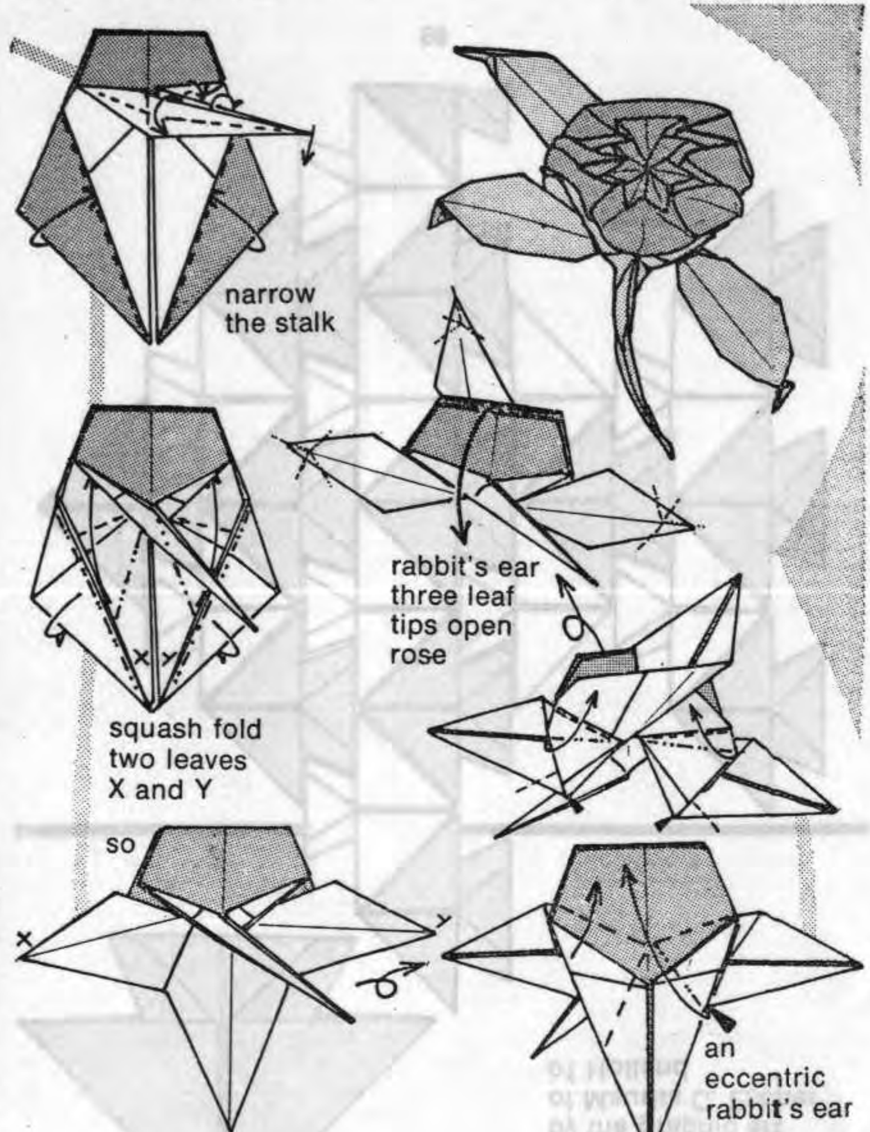







# **Rose** concluded

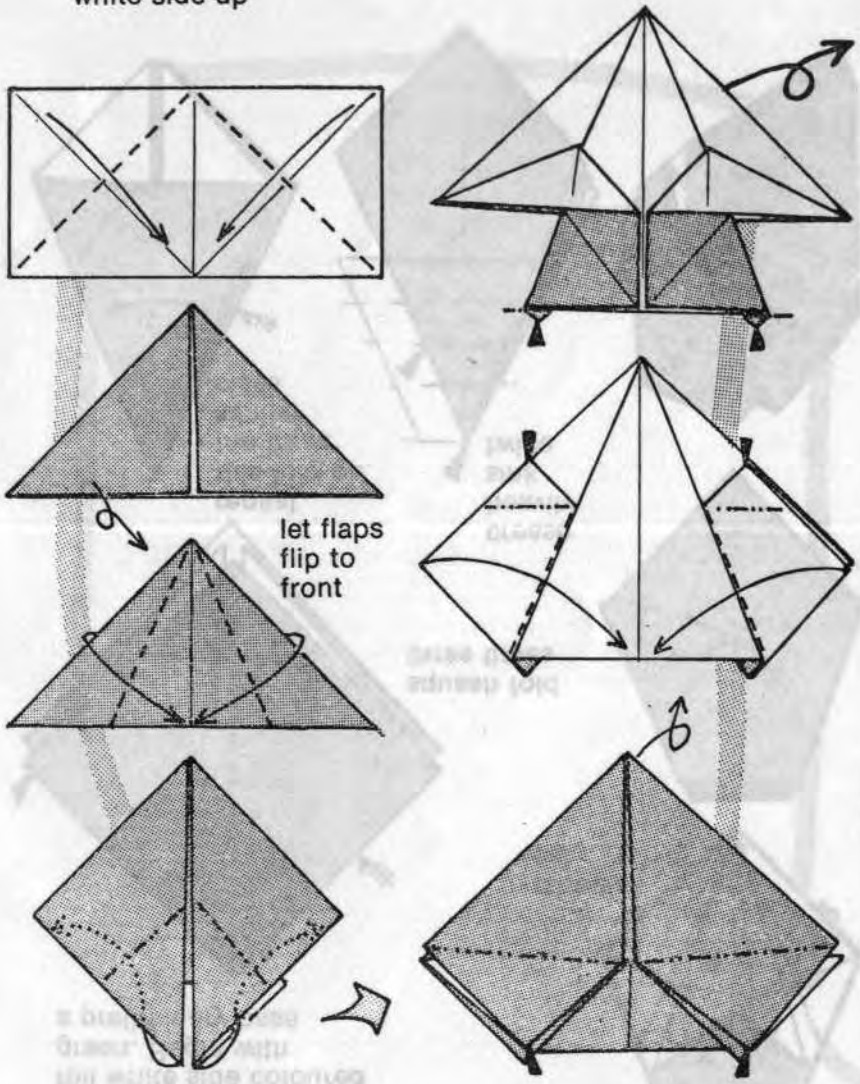




# **Escher** Mick Guy

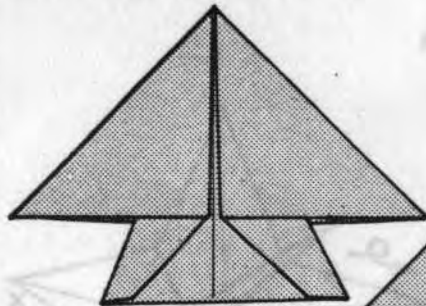


2 × 1 rectangle
white side up

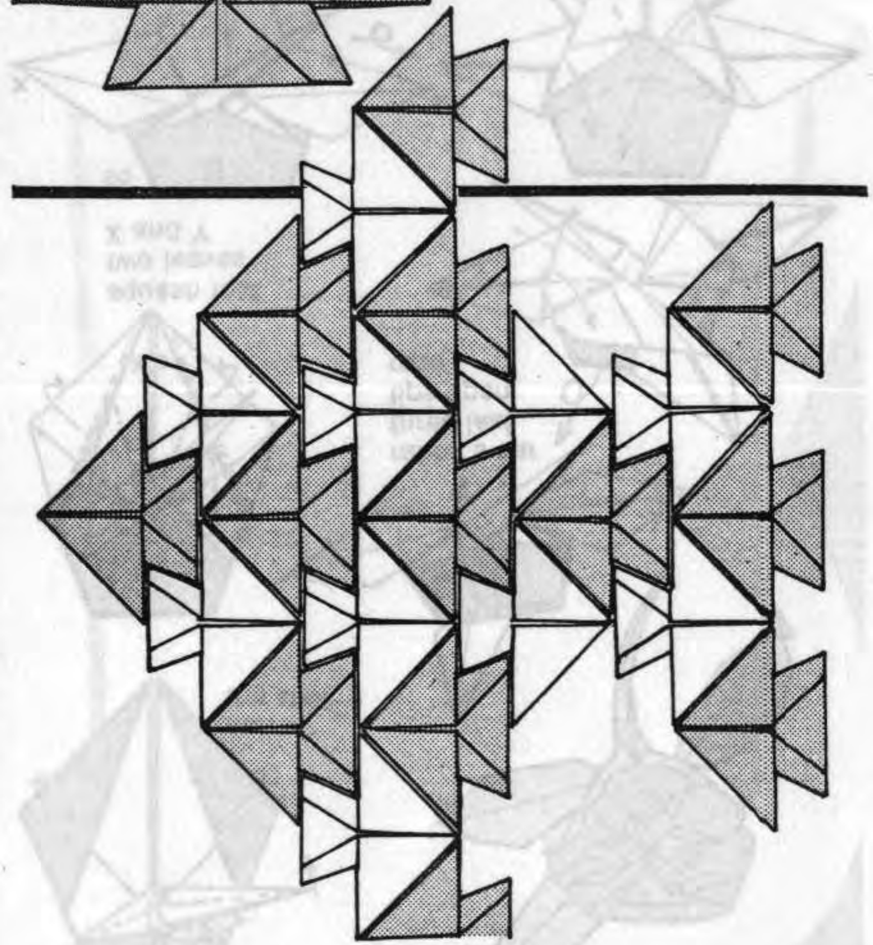




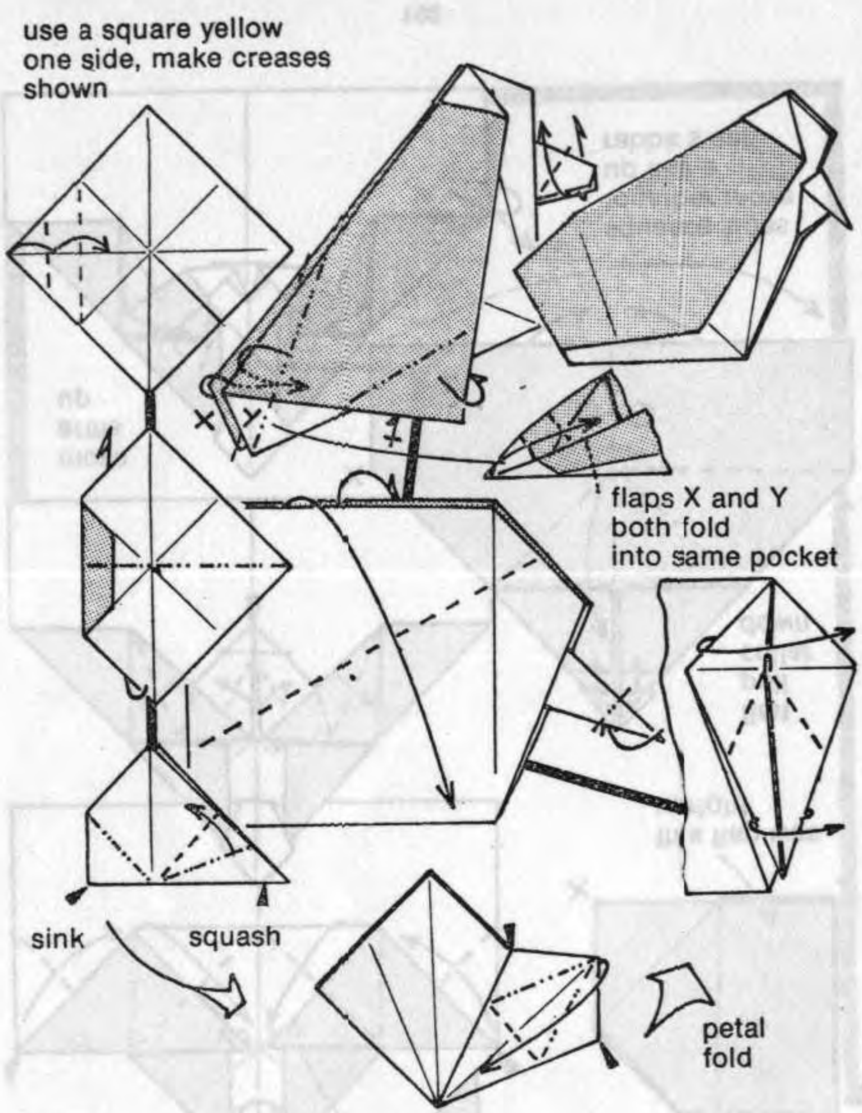

# **Escher** concluded



most ingenious
this fold was inspired
by the graphic art
of Maurits C. Escher
of Holland

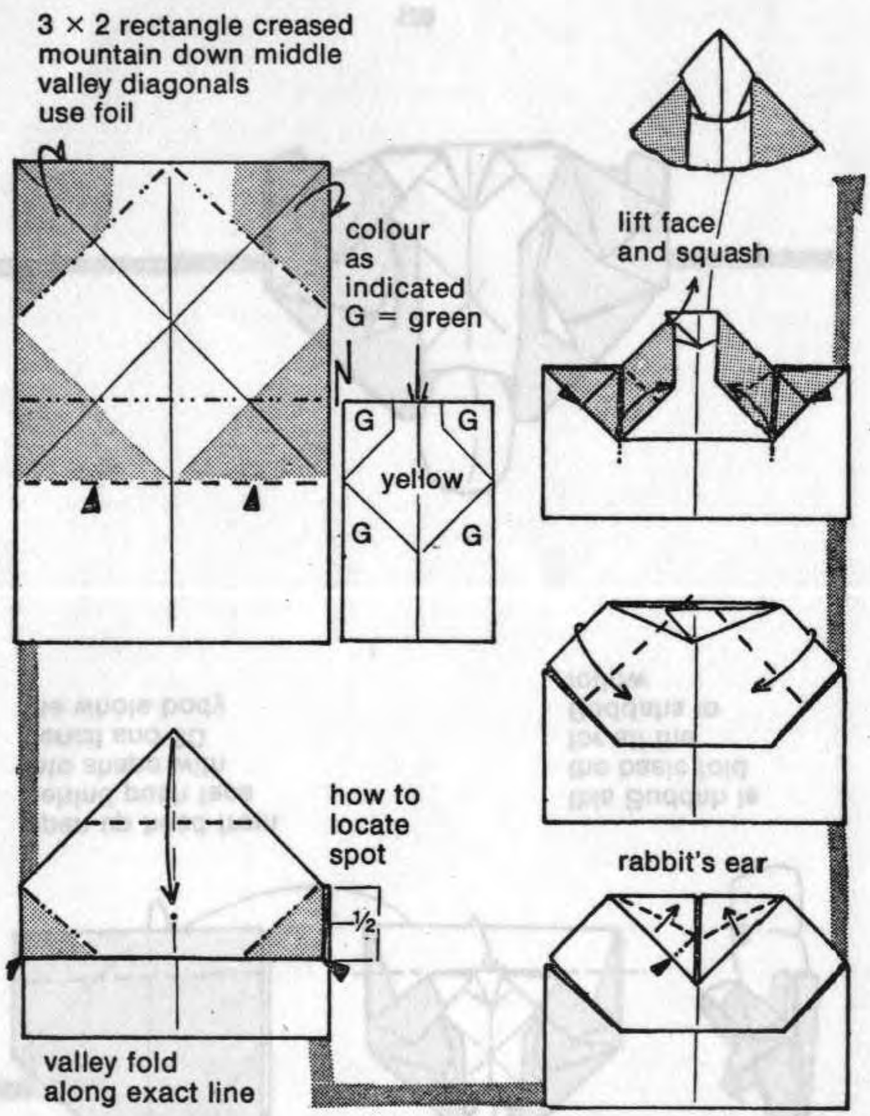


## **Baby Chick** Paul Jackson Gt. Britain

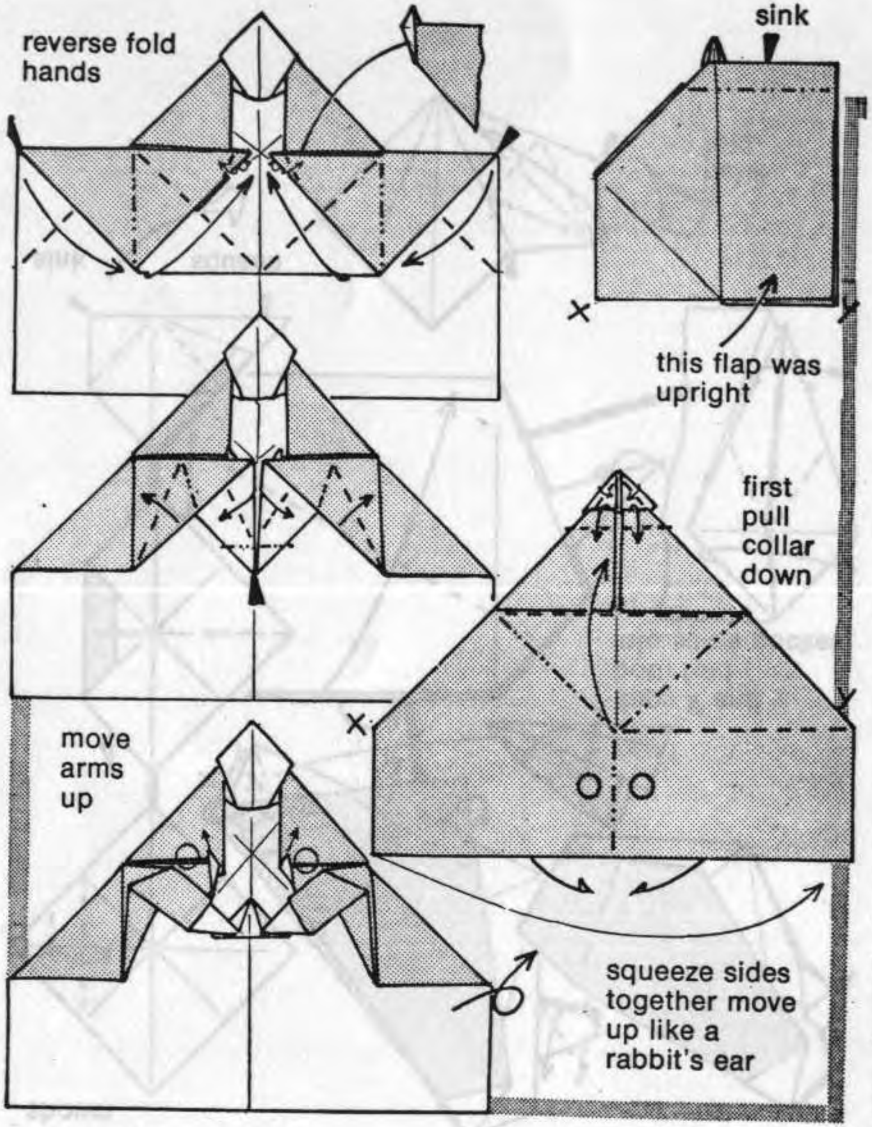





## **Buddah (3.D)** Neal Elias U.S.A.



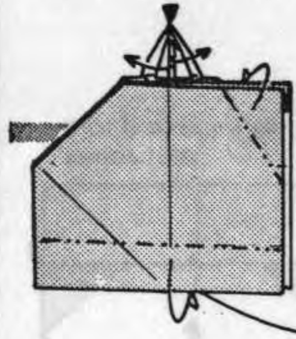
# Buddah continued

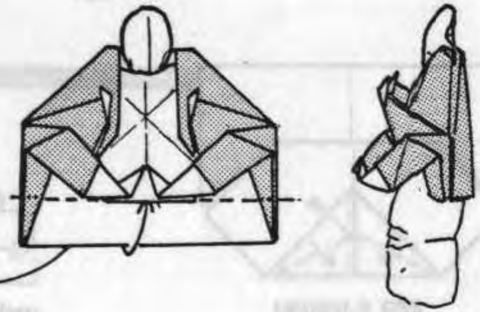





# Buddah concluded

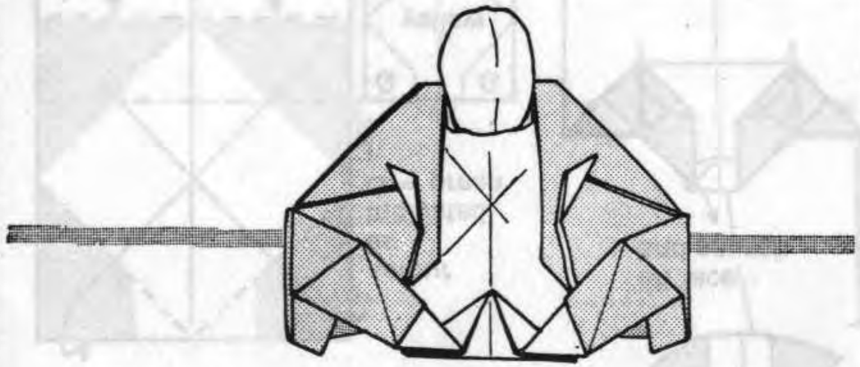
## A little gem





open up head from behind push face into shape with pencil and 3D the whole body

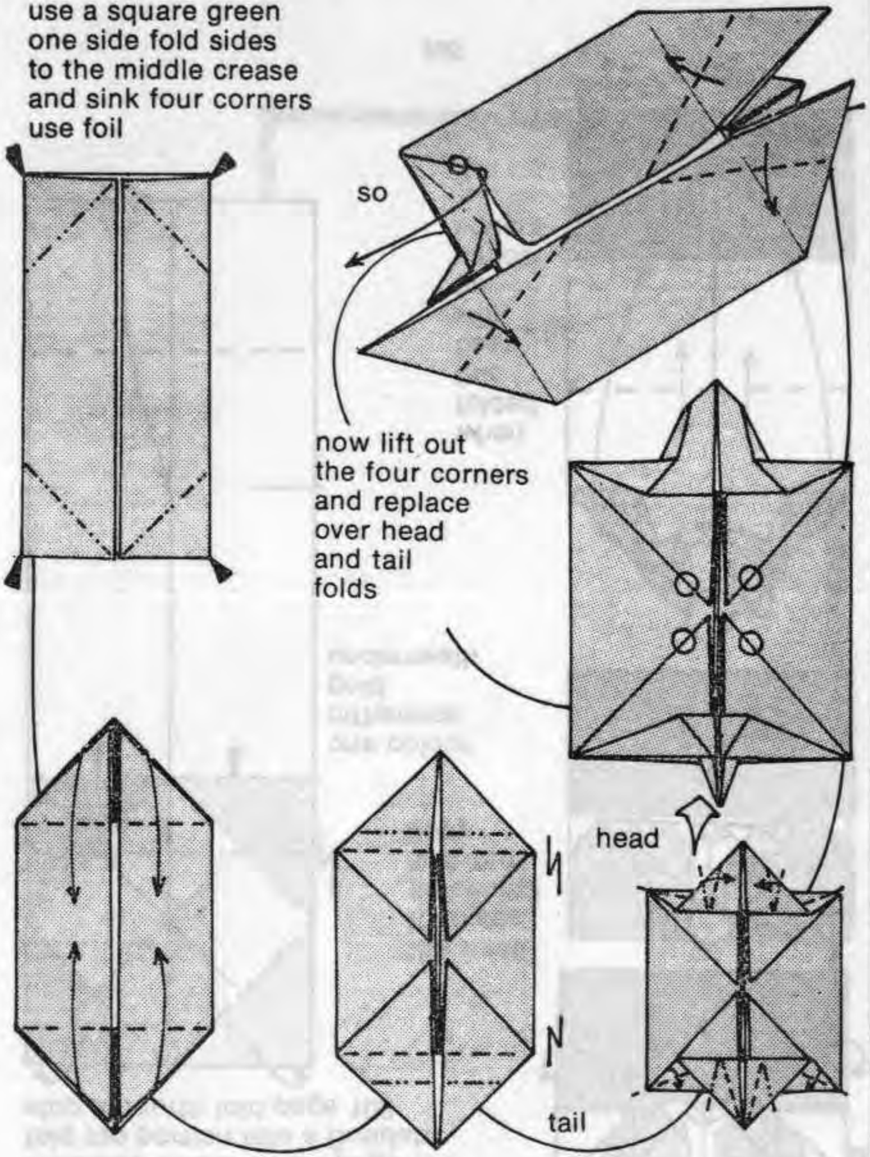
this Buddah is the basic fold for all the Buddahs to follow



# Turtle Neal Elias

U.S.A.

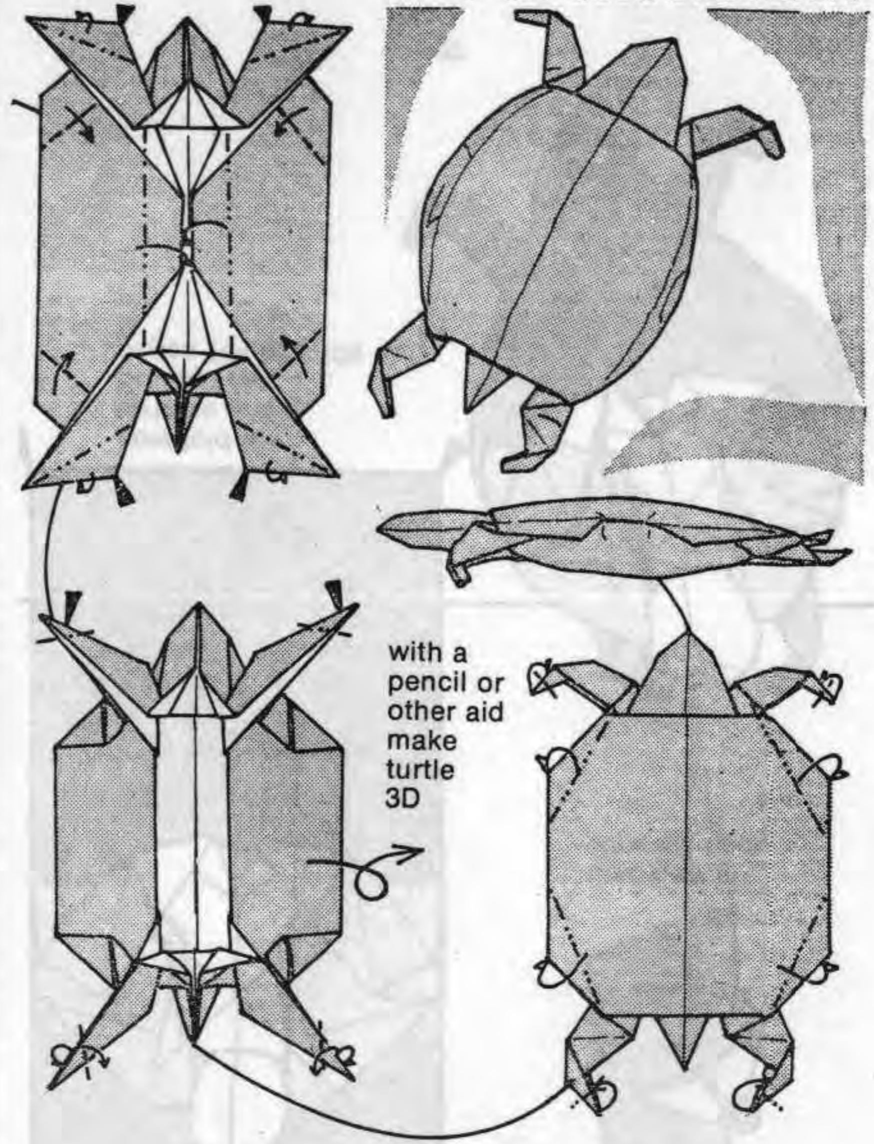
use a square green one side fold sides to the middle crease and sink four corners use foil






# Turtle concluded

To be used elsewhere

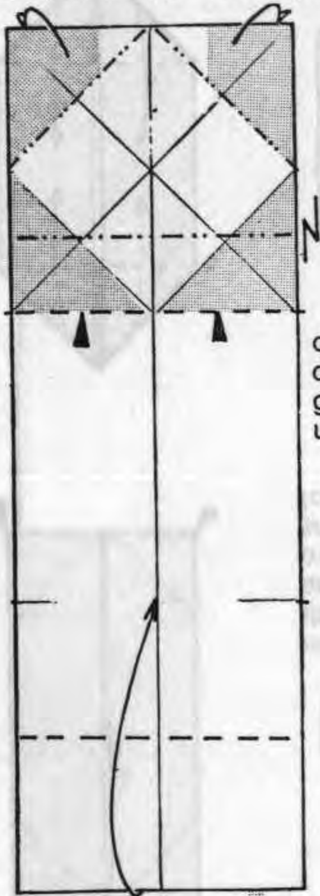


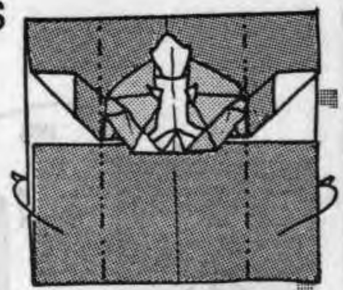
# Buddah on Tortoise

U.S.A.

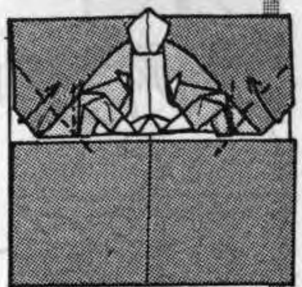
## (Uras Him Ataro) Neal Elias

3 × 1 rectangle creased as indicated coloured see page 101
fold top portion into a Buddah stop at fourth fold page 102

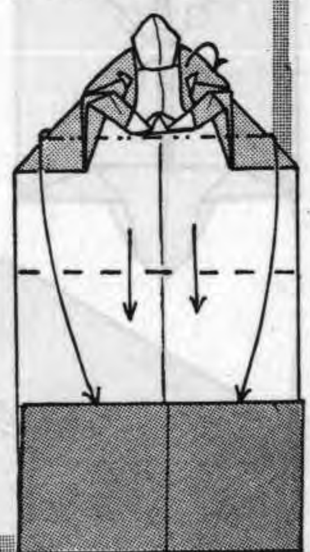




the small triangles go behind and into body



one colour difference gold underneath

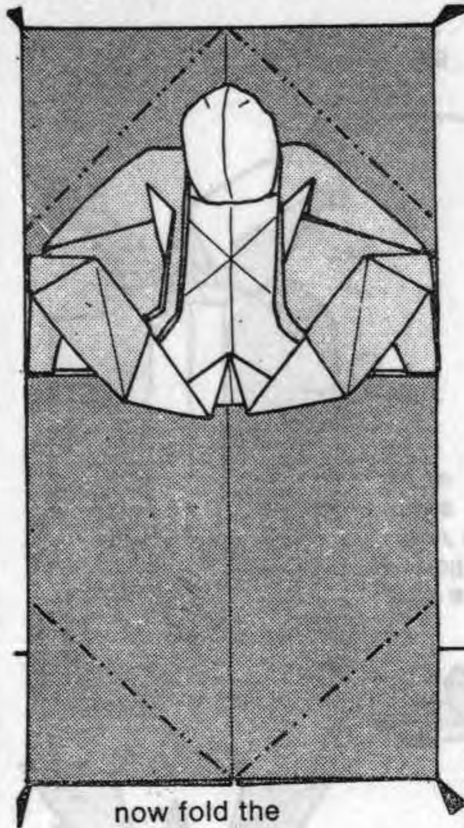


when folded this base will be almost square

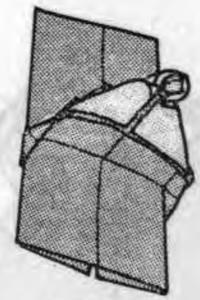


# Buddah on Tortoise

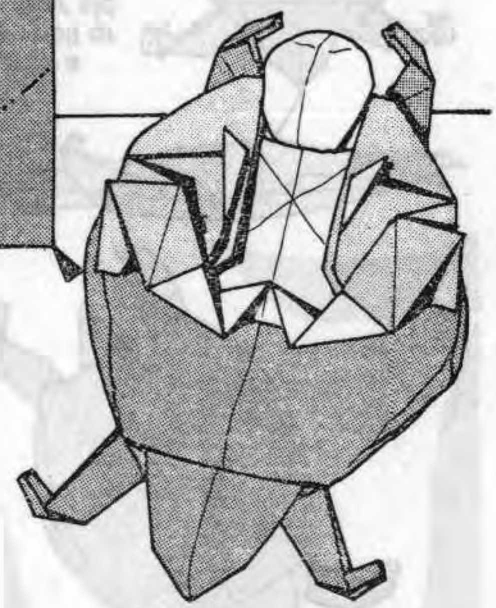
Another gem



now fold the tortoise under Buddah see pages 104 and 105

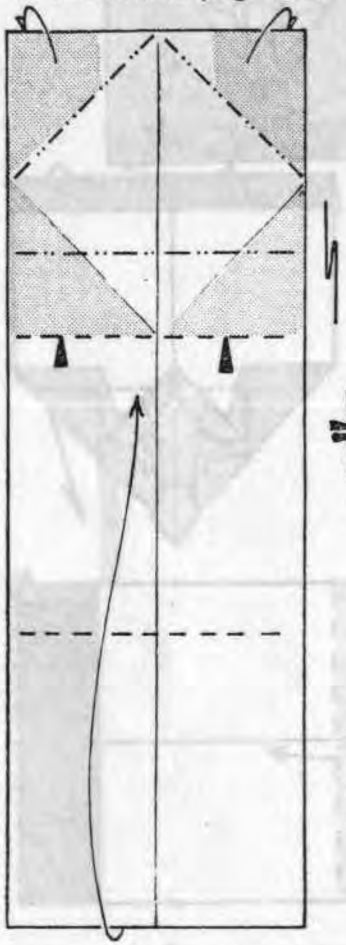


rear view of concave back



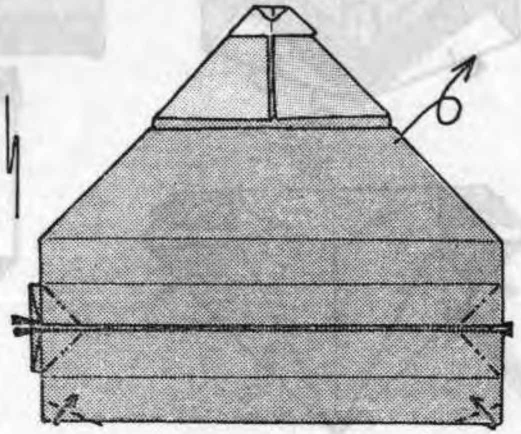
# Buddah seated Neal Elias U.S.A.

3 × 1 rectangle coloured as indicated on page 101 fold top portion into the Buddah and stop at fourth fold page 102

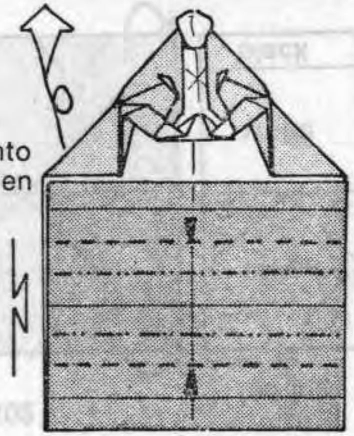


now fold the table under Buddah

(table by Fred Rohm)



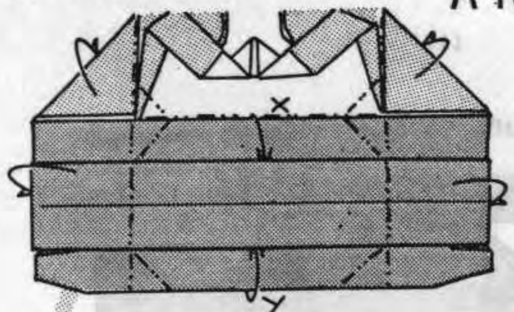
crease into eights then make a double crimp



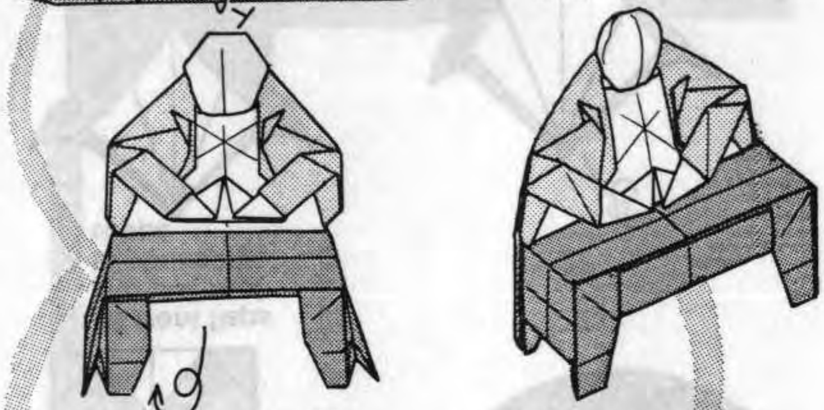


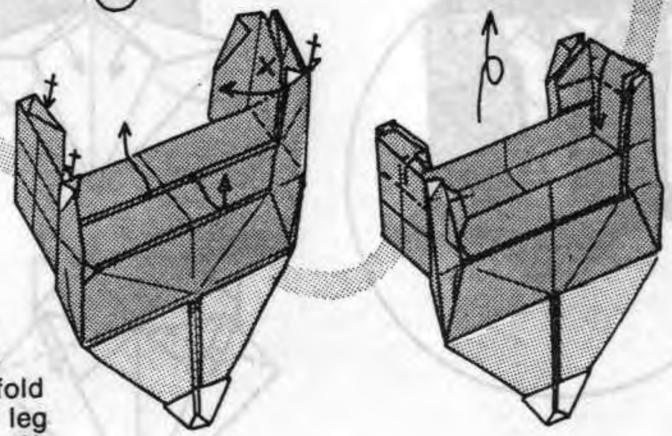
# Buddah seated

## A remarkable series



the sides fold down as X and Y go into the pockets all done at the same time



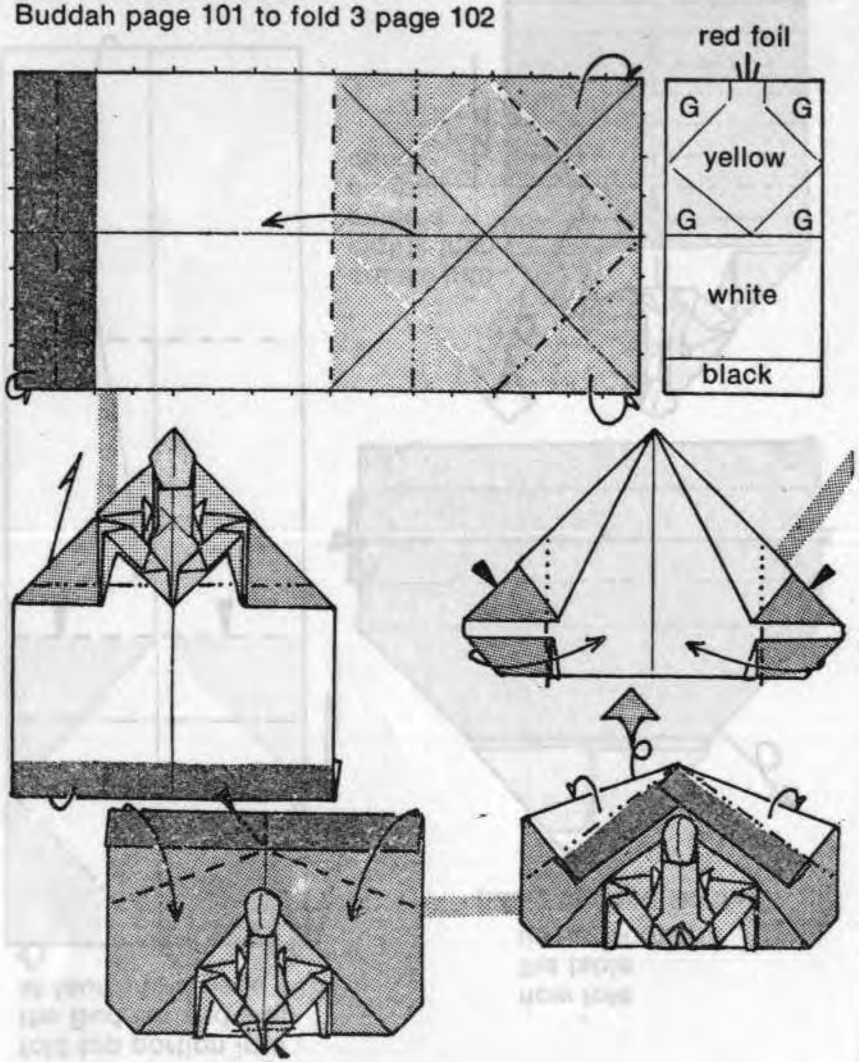


lift long flaps and fold each leg as for X

# Shrine of Buddah Neal Elias U.S.A.

begin with a 2 × 1 rectangle coloured as indicated and using red foil. Then fold as for Buddah page 101 to fold 3 page 102

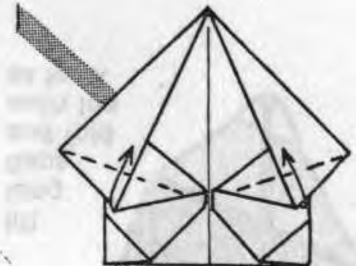
G = Green

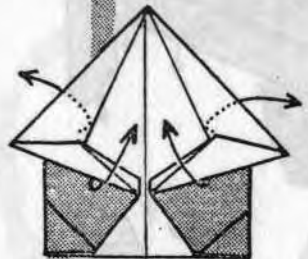




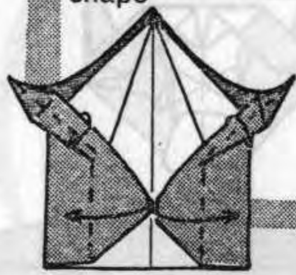

# Shrine of Buddah concluded

Just great

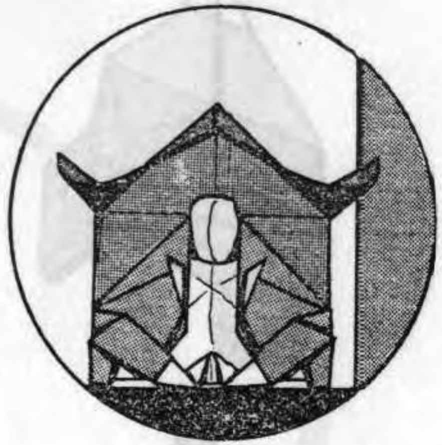


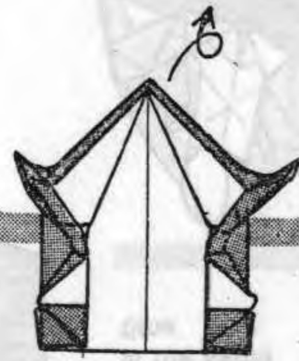


lift front flaps and pull roof of shrine into shape



fold top flaps first then lock with lower flaps

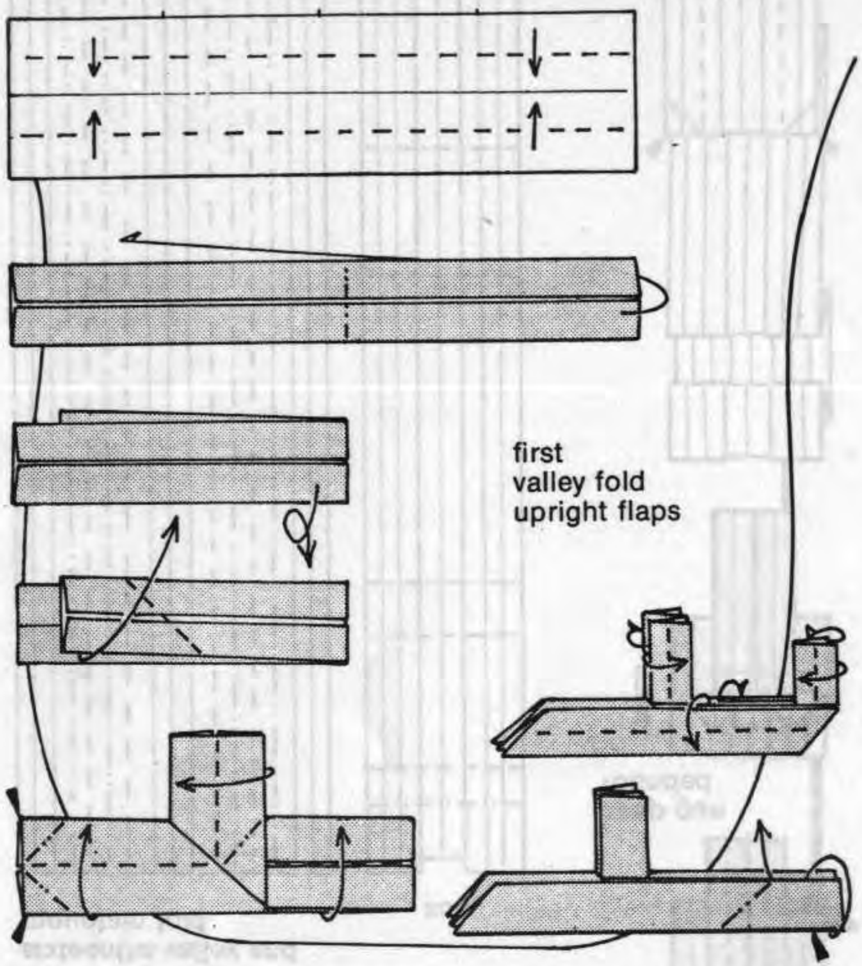




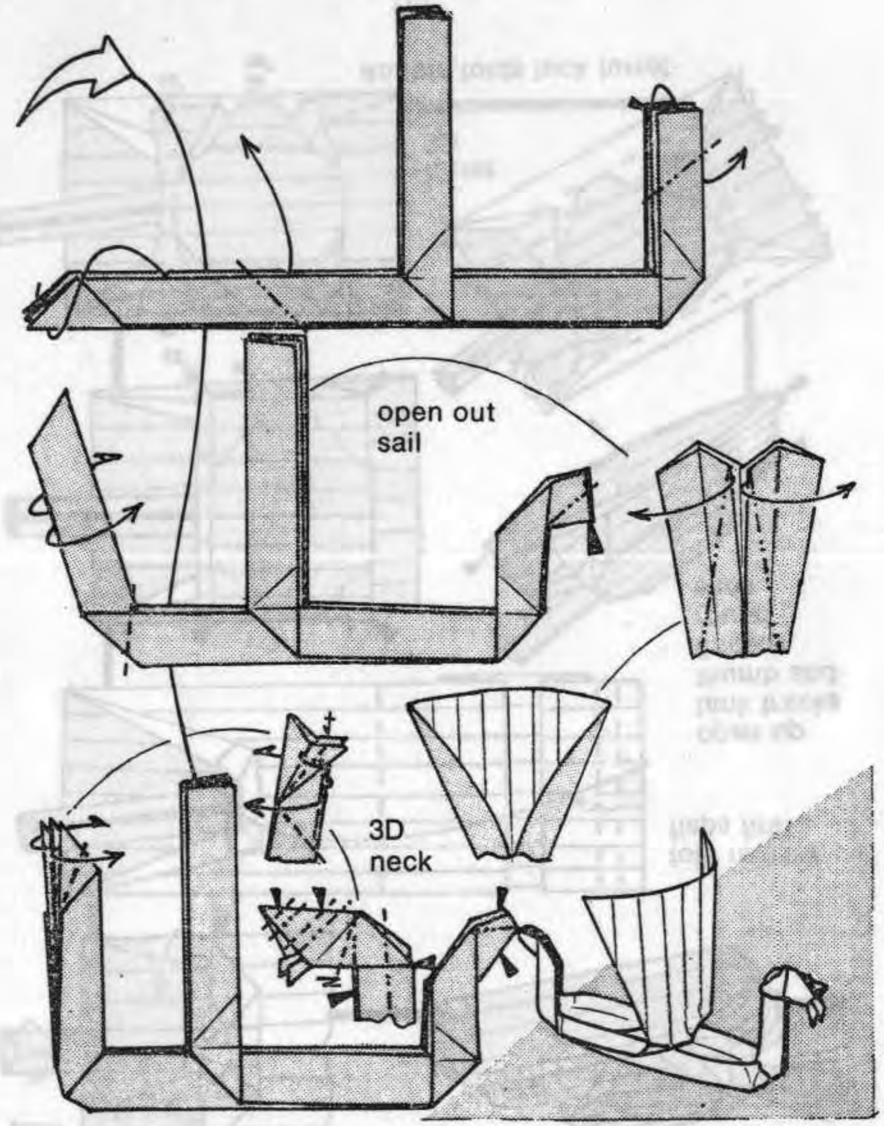
turn around and 3D

# Viking Longship Laurie Bisman
New Zealand

use a 4 × 1 rectangle of foil crease down the middle and valley fold long flaps

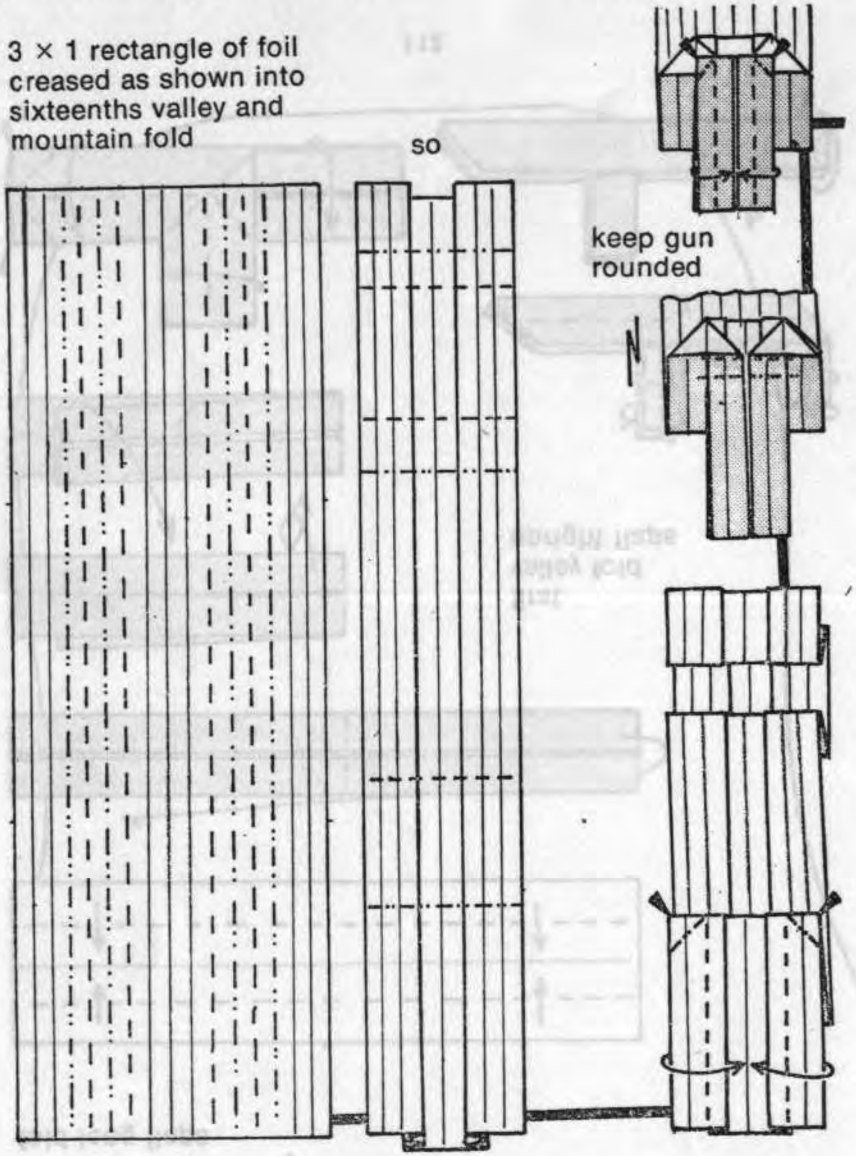



# Viking Longship concluded



## **Tank** Laurie Bisman  New Zealand

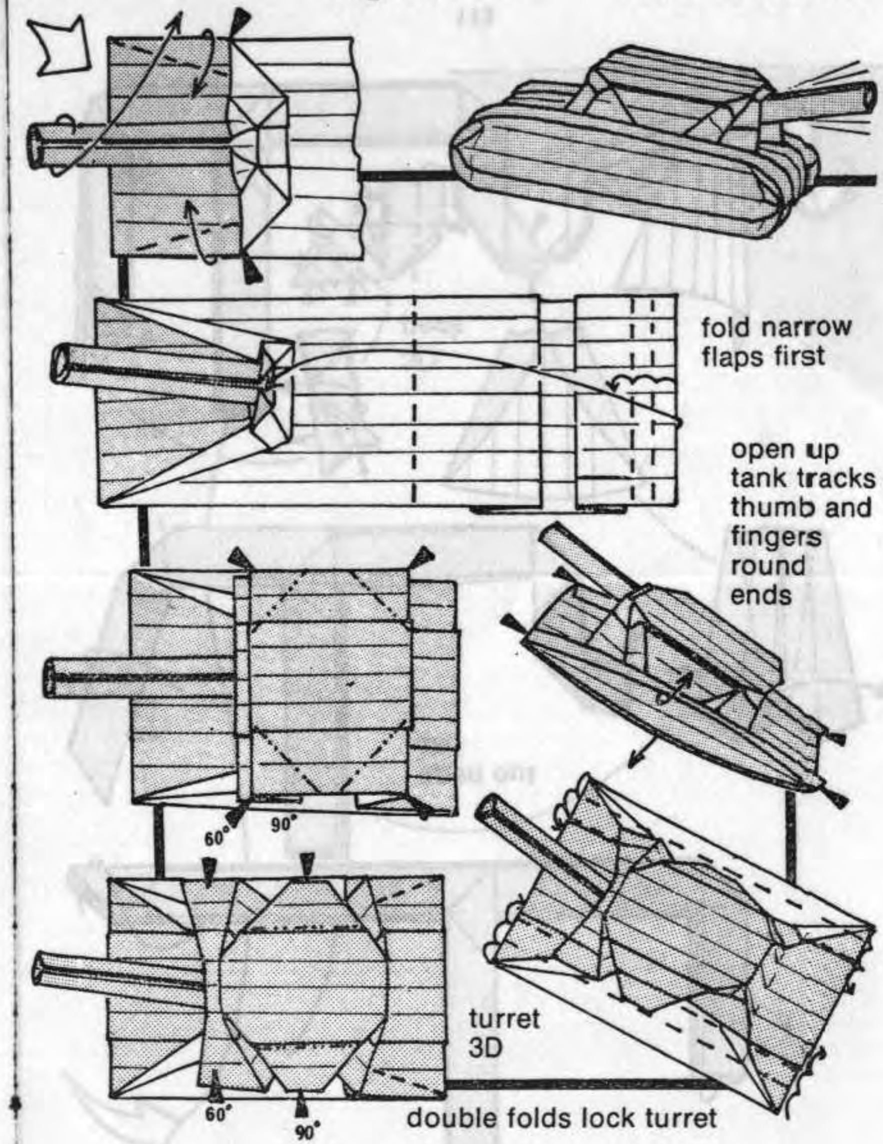
3 × 1 rectangle of foil creased as shown into sixteenths valley and mountain fold





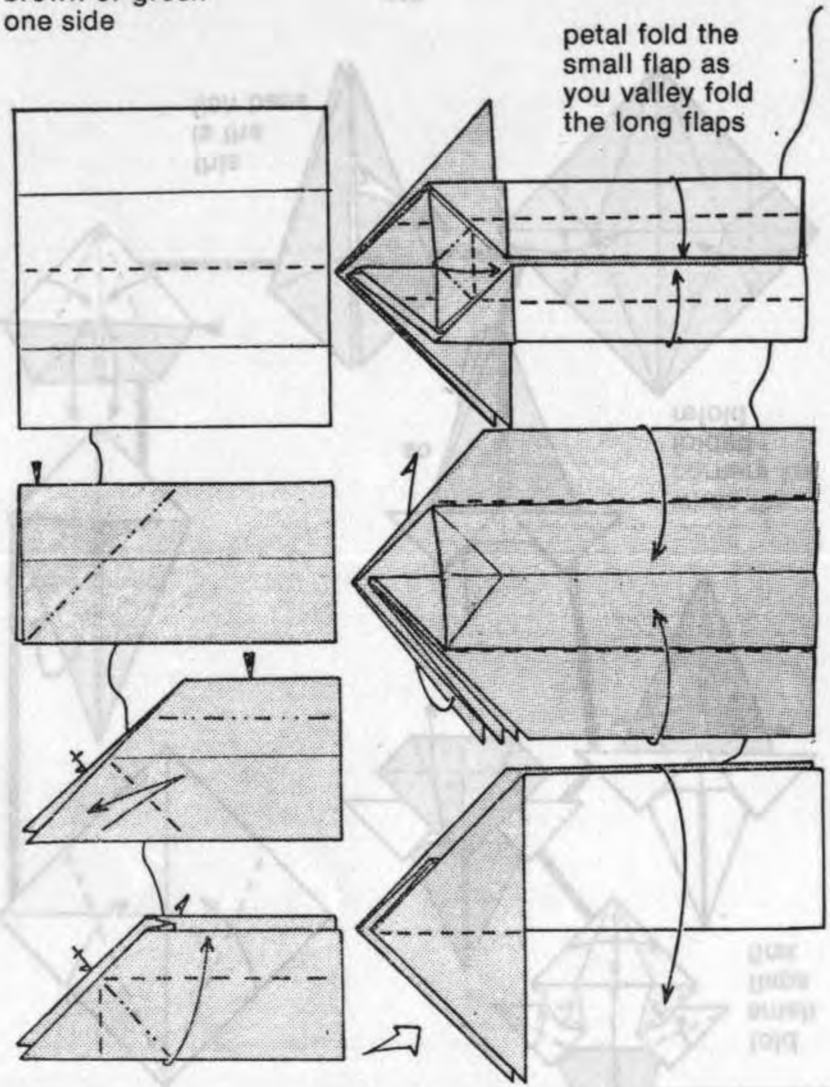

## **Tank**

Ingenious  Gun elevates



# Palm Tree Max Hulme Gt. Britain

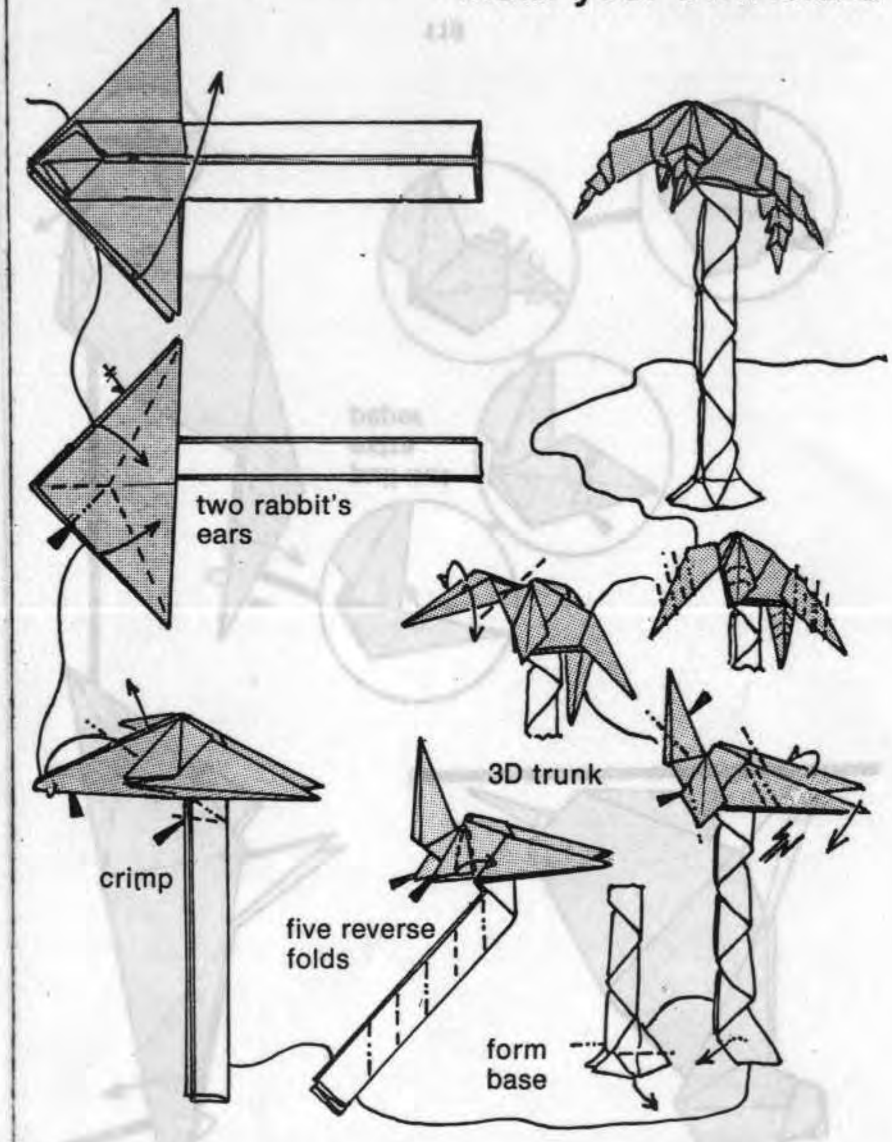
use a square
brown or green
one side



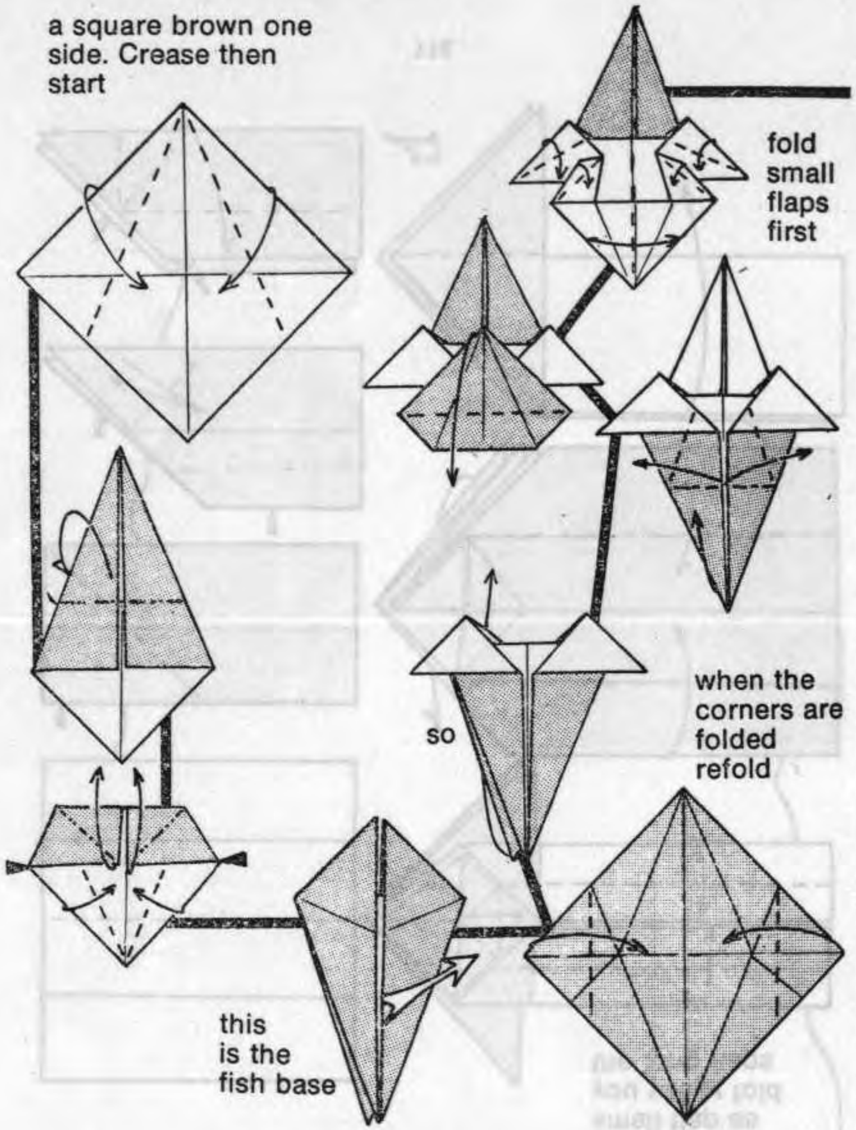



# Palm Tree concluded

## Make your own Island

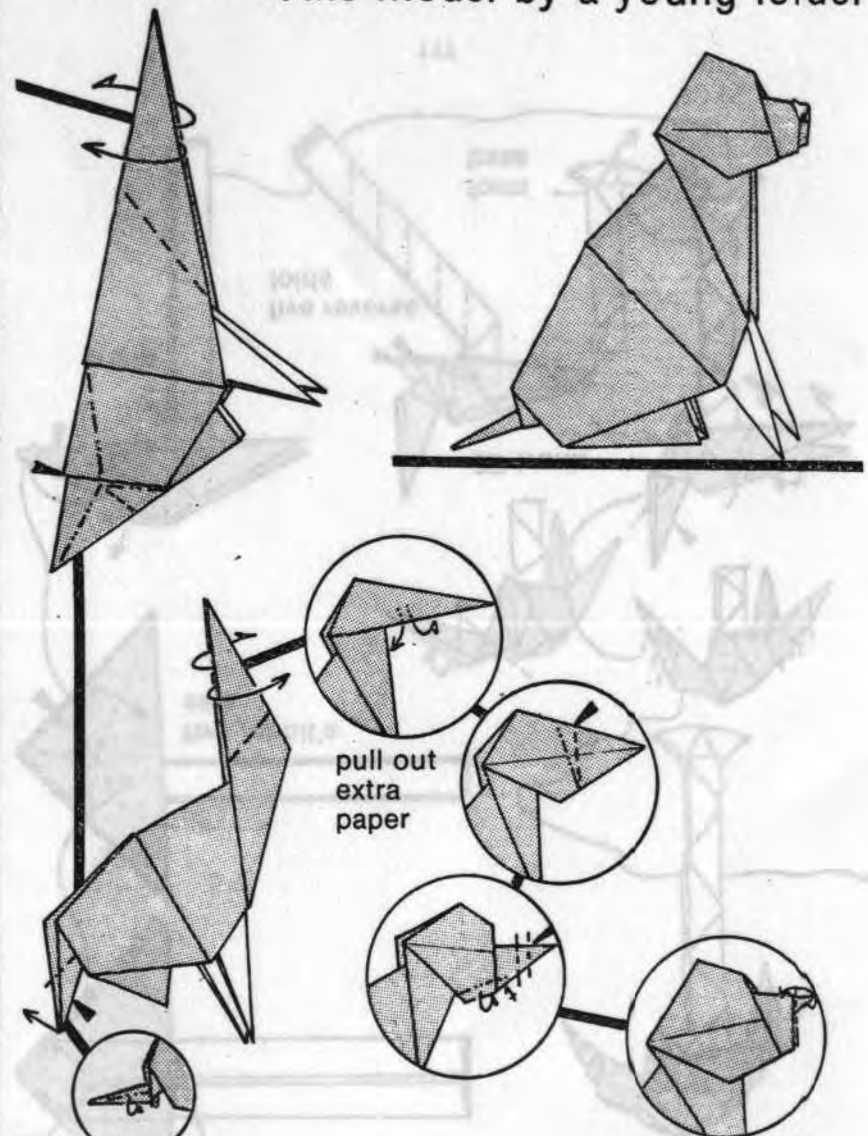


## **Good Dog** Malcolm Kerr Gt. Britain

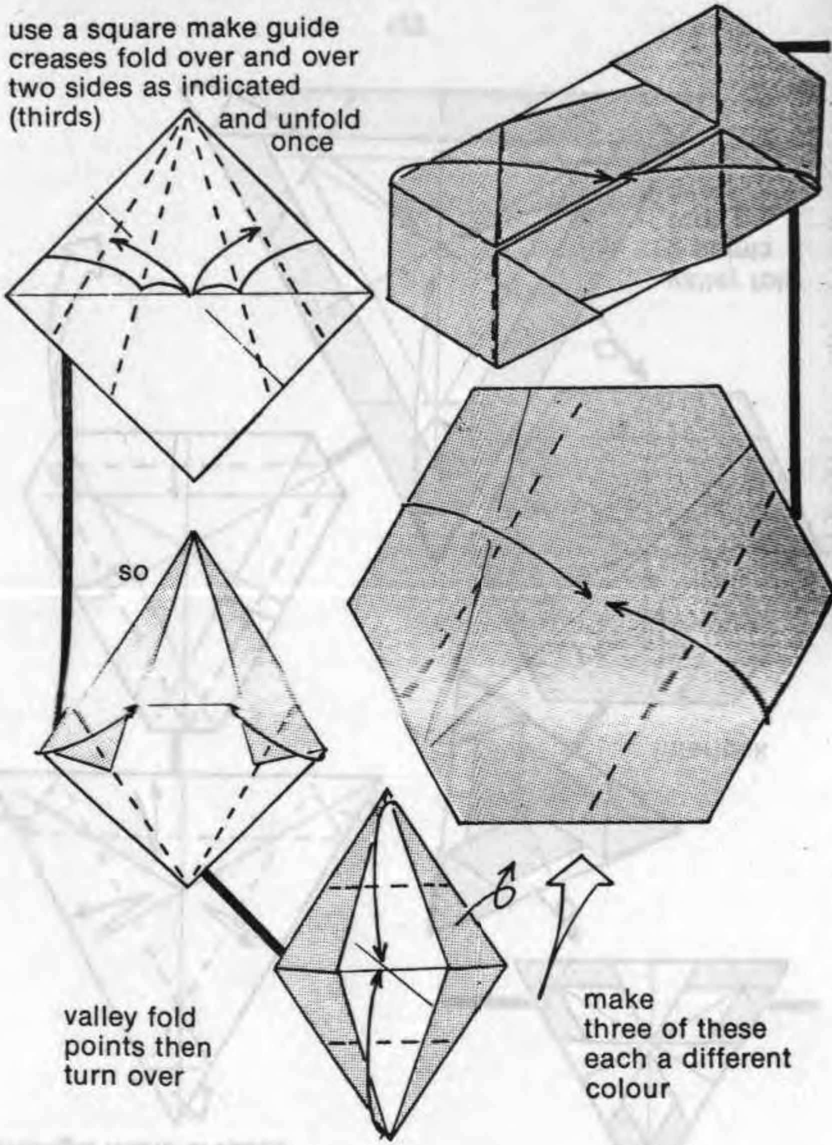





## **Good Dog** Fine model by a young folder

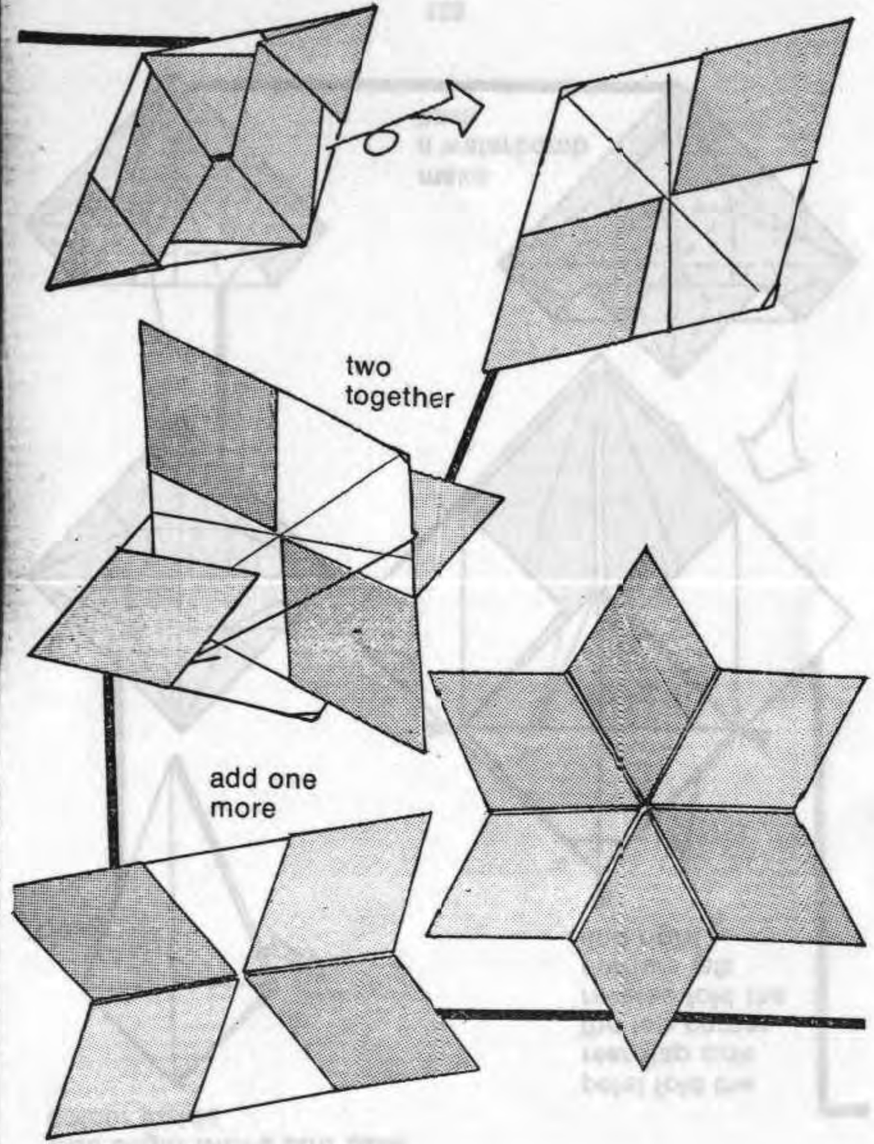


# **Tri-star** Lewis Simon U.S.A.



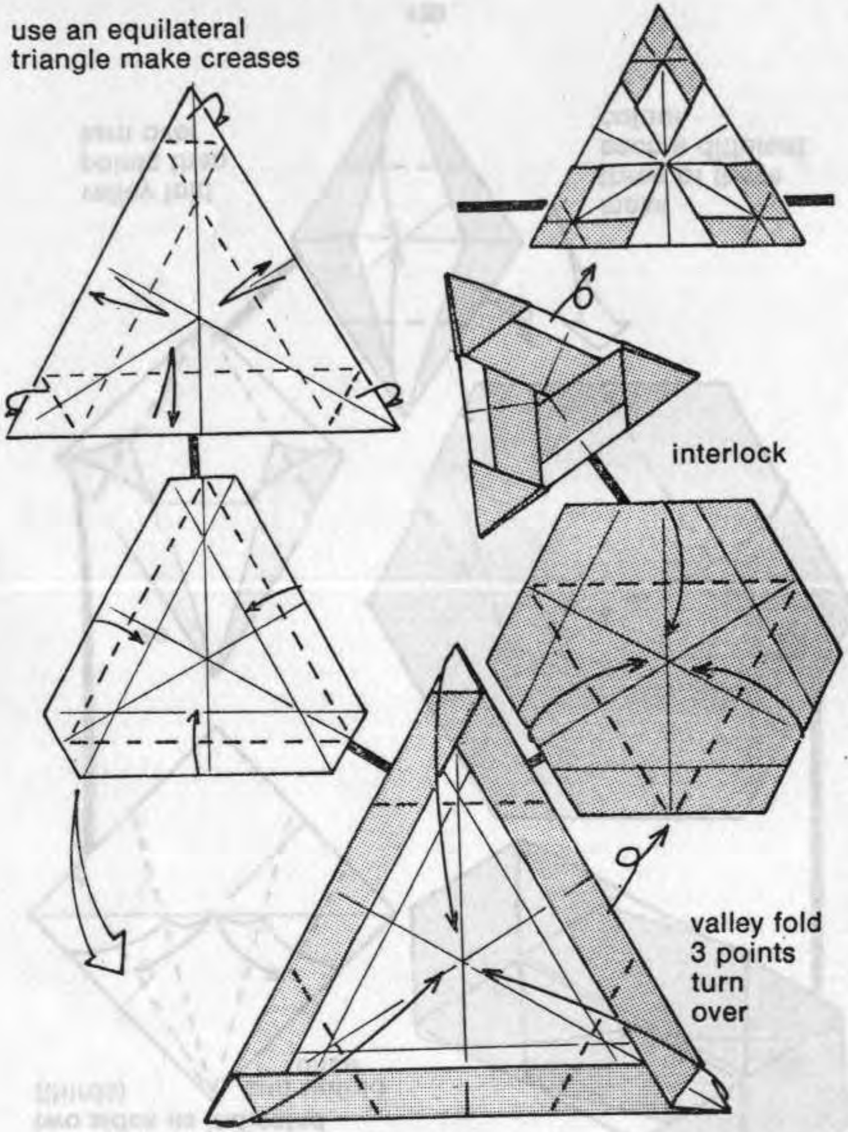



# **Tri-star** concluded



## **Diamond** Lewis Simon U.S.A.

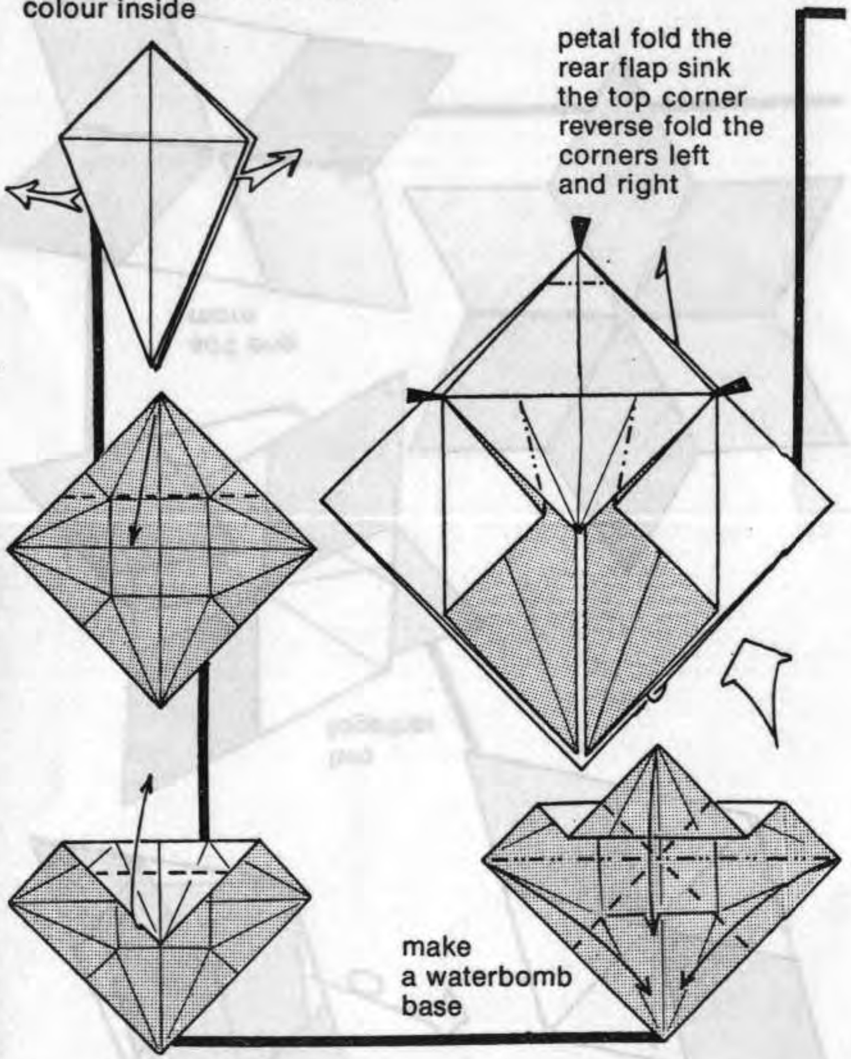
use an equilateral triangle make creases



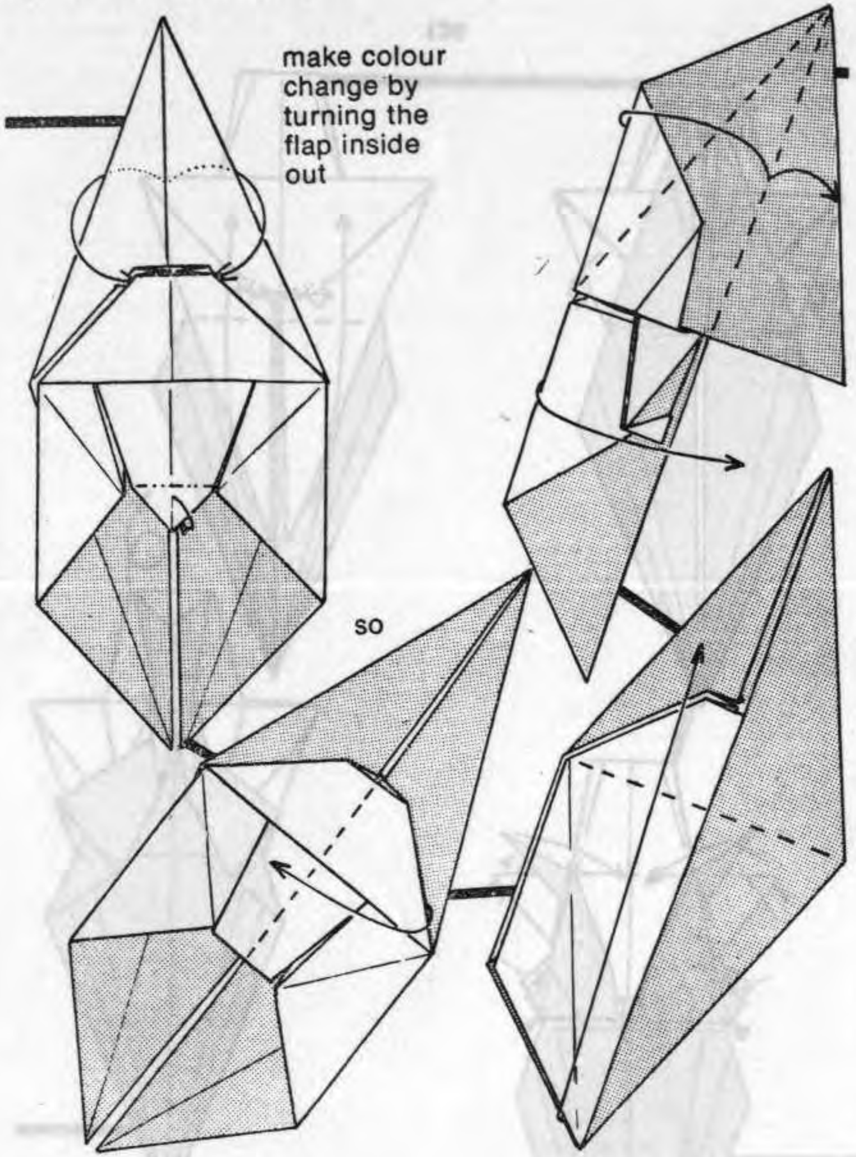



## **Oberon** Neal Elias U.S.A.

use a square green one side begin with a bird base colour inside

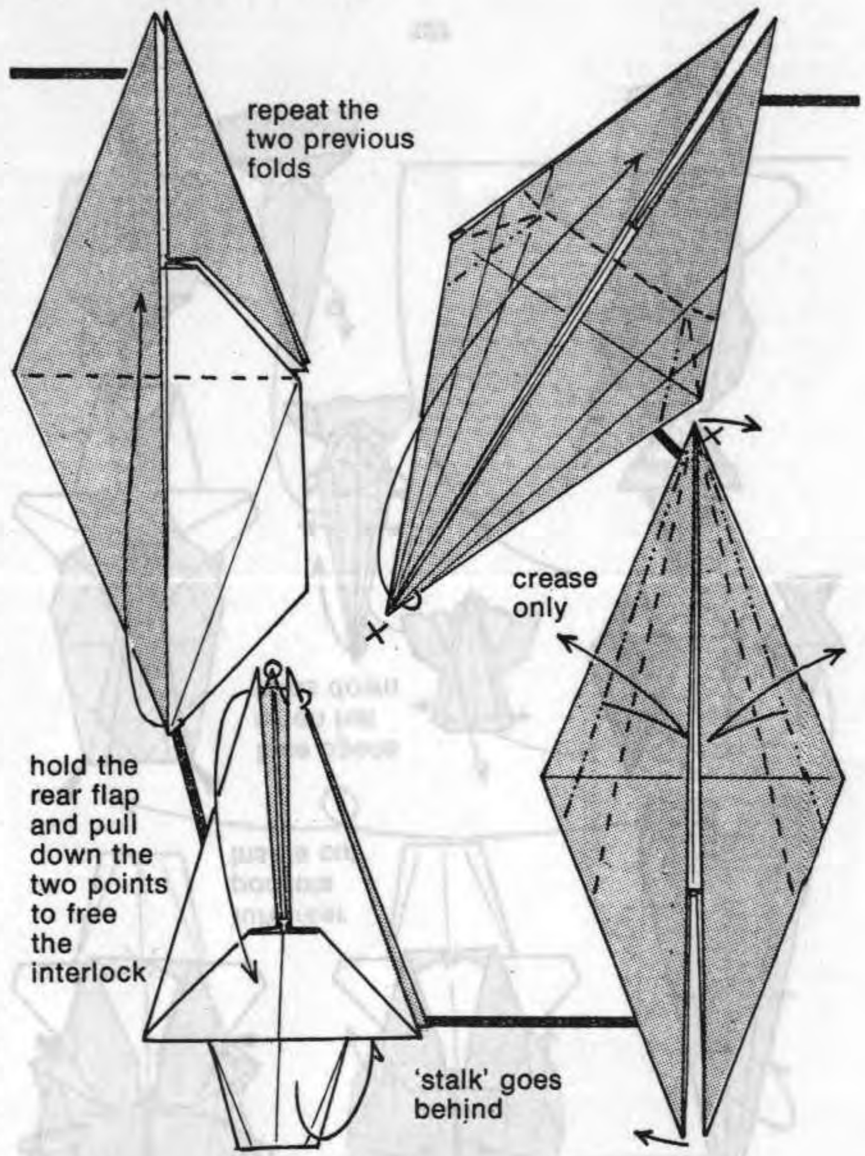


# **Oberon** continued

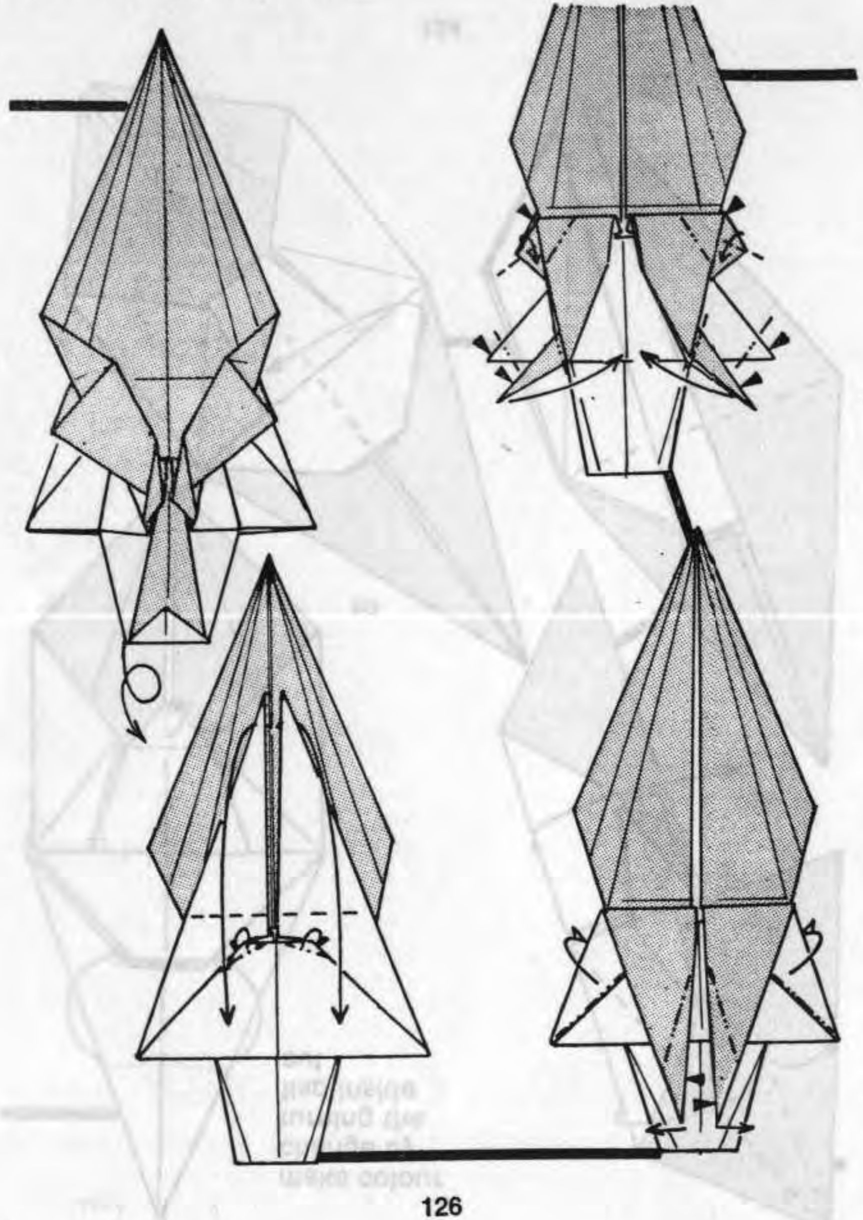





# **Oberon** continued



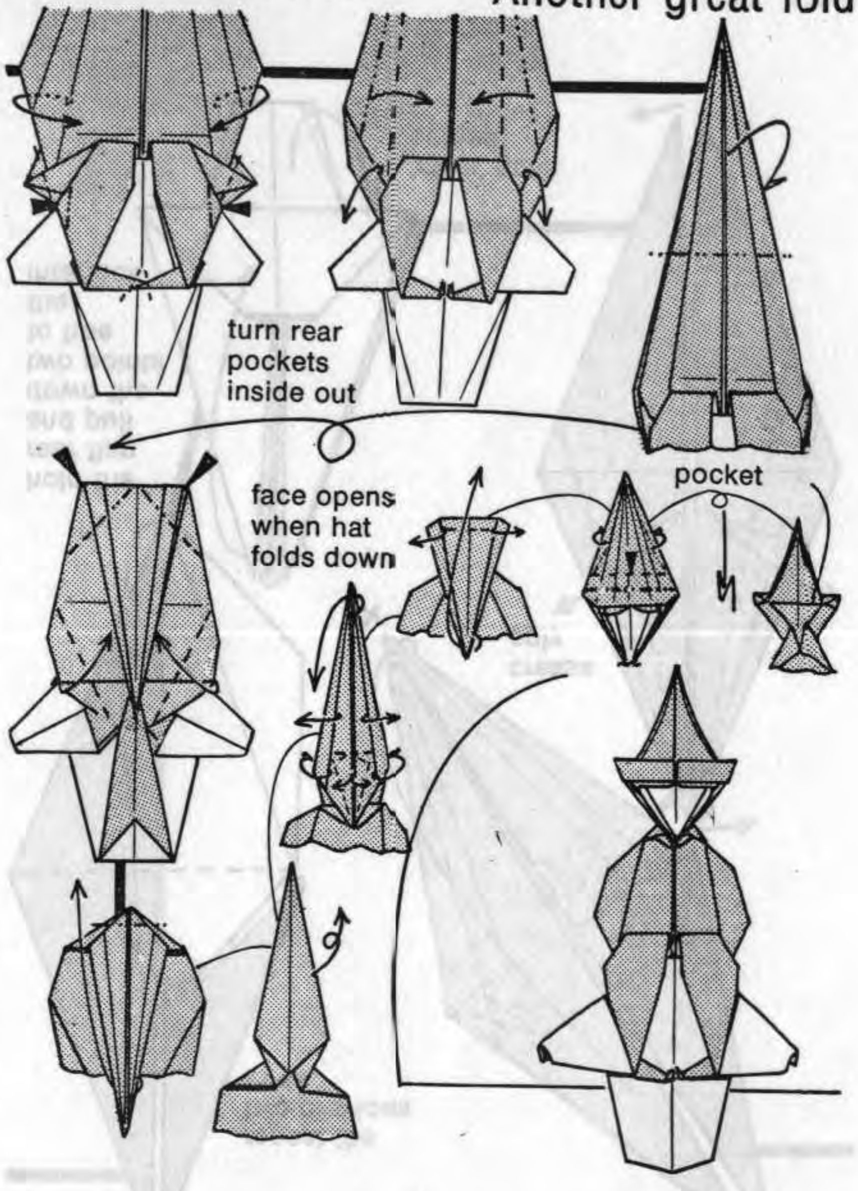
# **Oberon** continued





# **Oberon** concluded

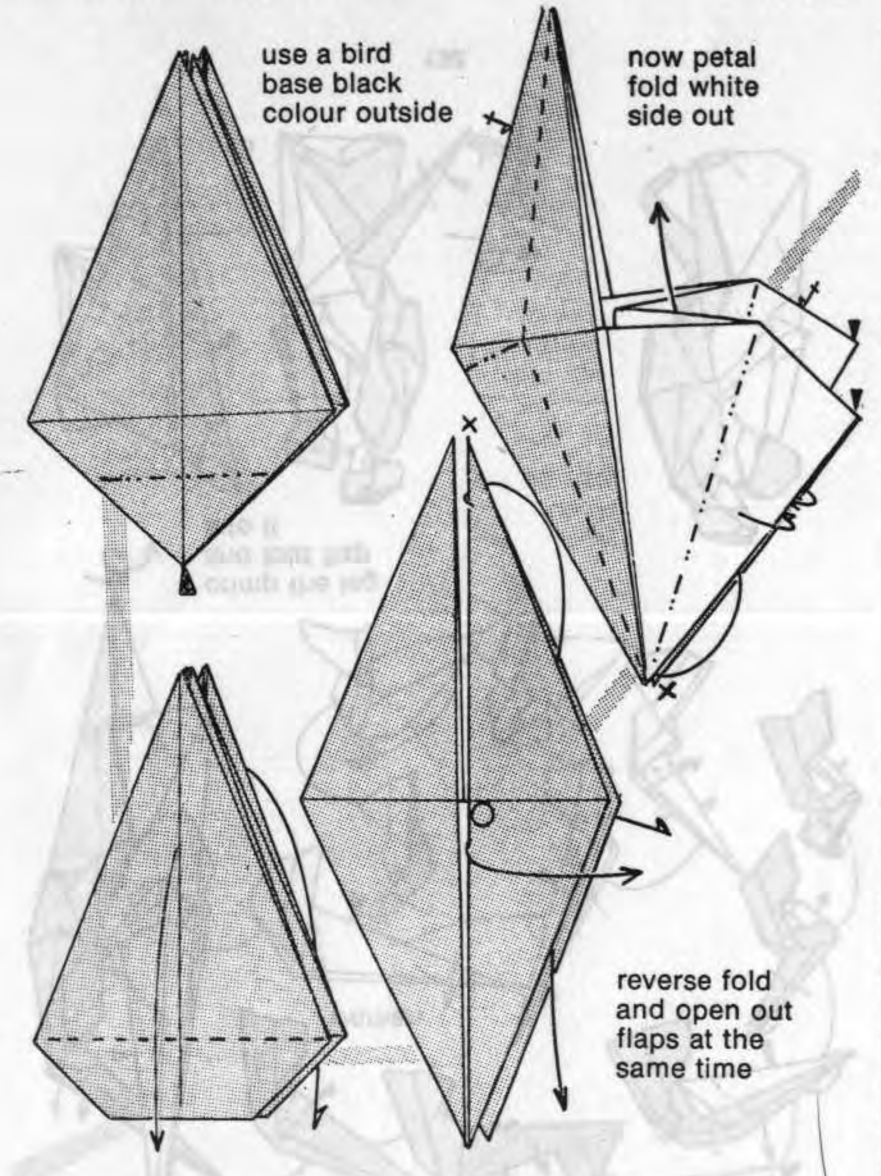
## Another great fold



# **Dancers** Neal Elias U.S.A.

use a bird base black colour outside

now petal fold white side out



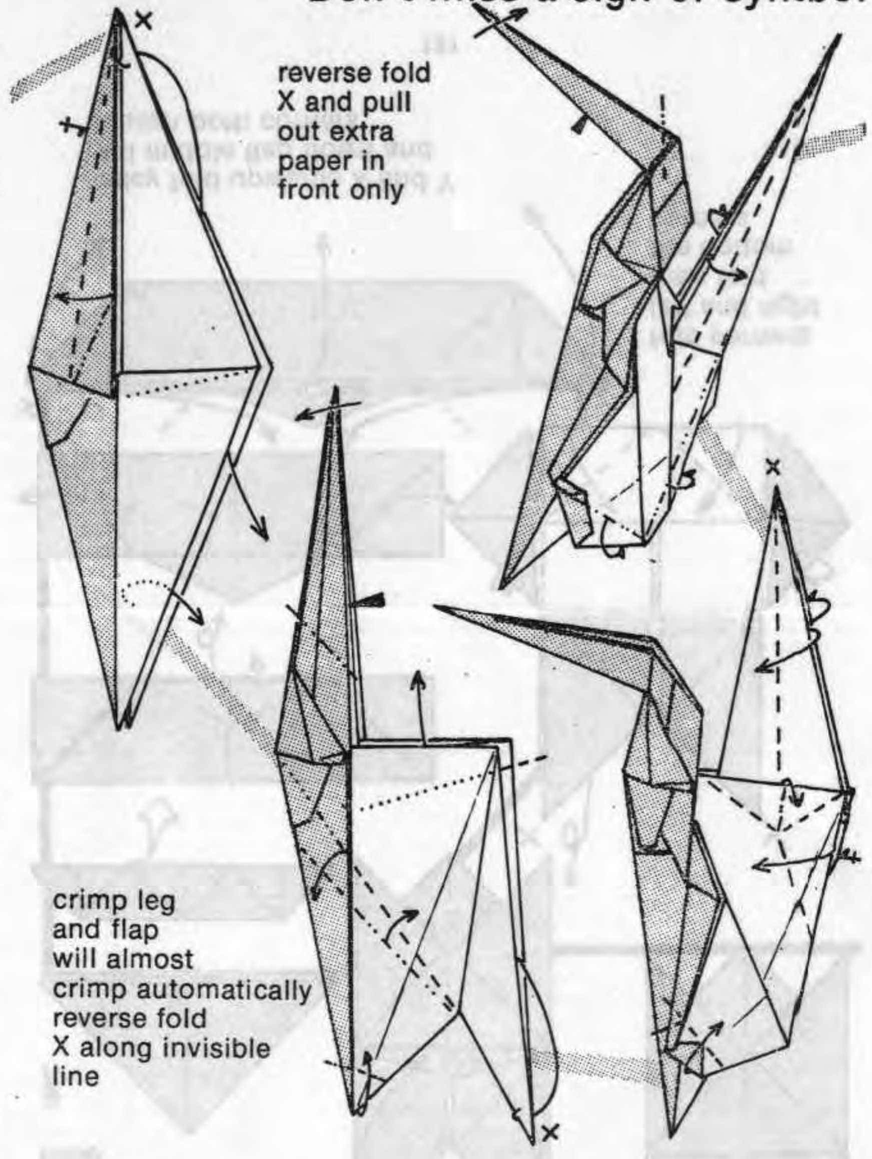
reverse fold and open out flaps at the same time



# **Dancers**

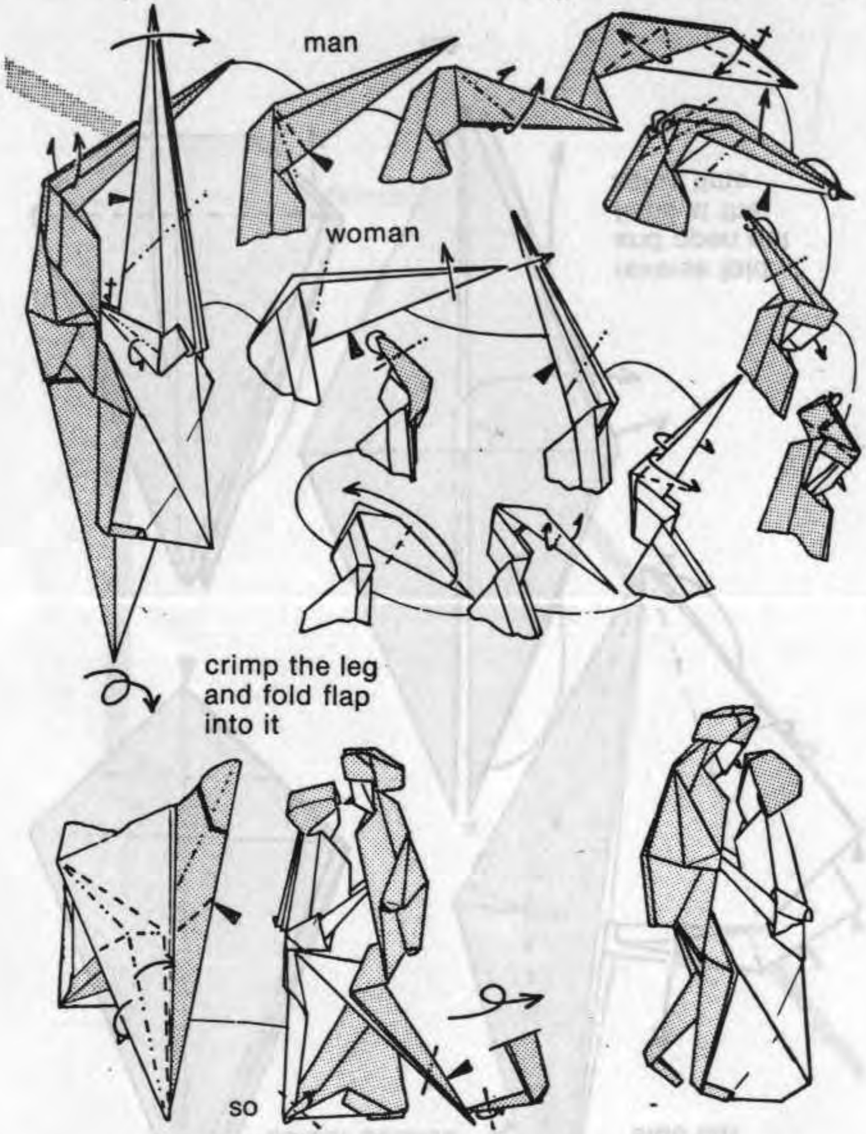
Don't miss a sign or symbol

reverse fold X and pull out extra paper in front only



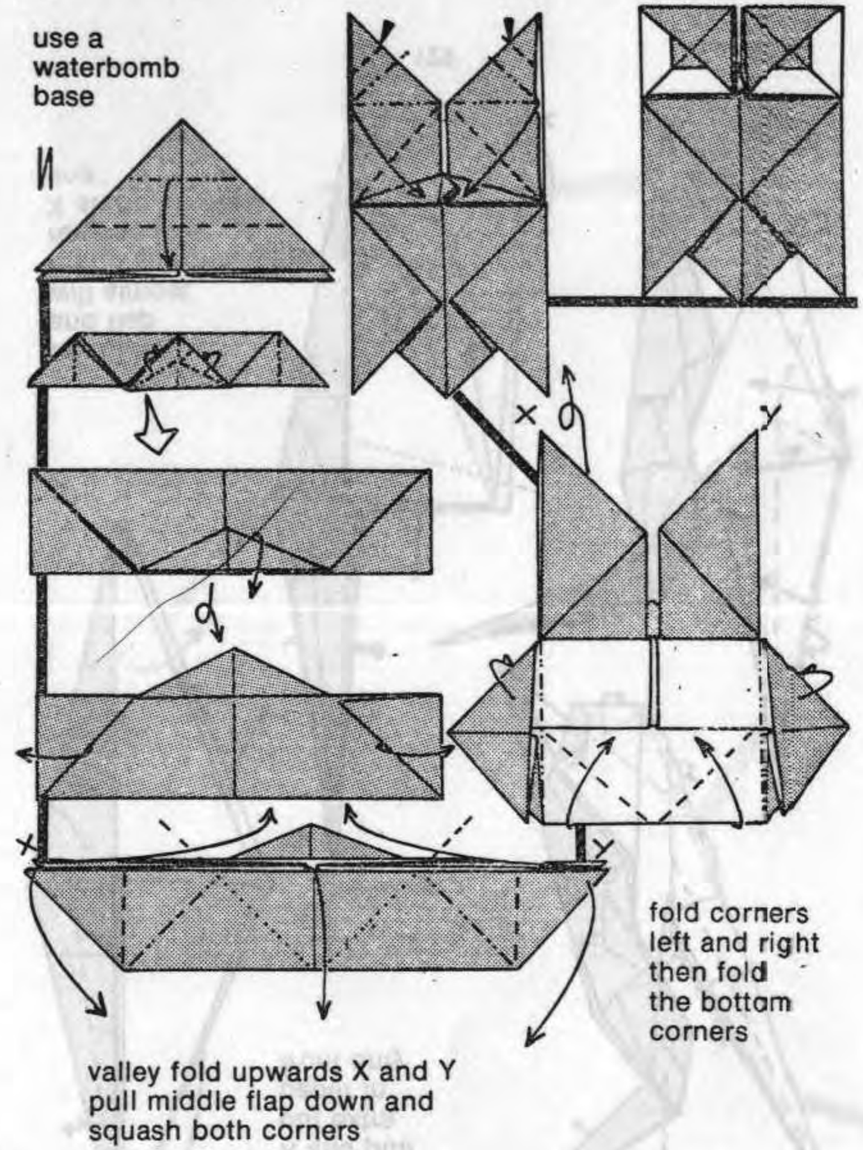
crimp leg and flap will almost crimp automatically reverse fold X along invisible line

## My favourite fold



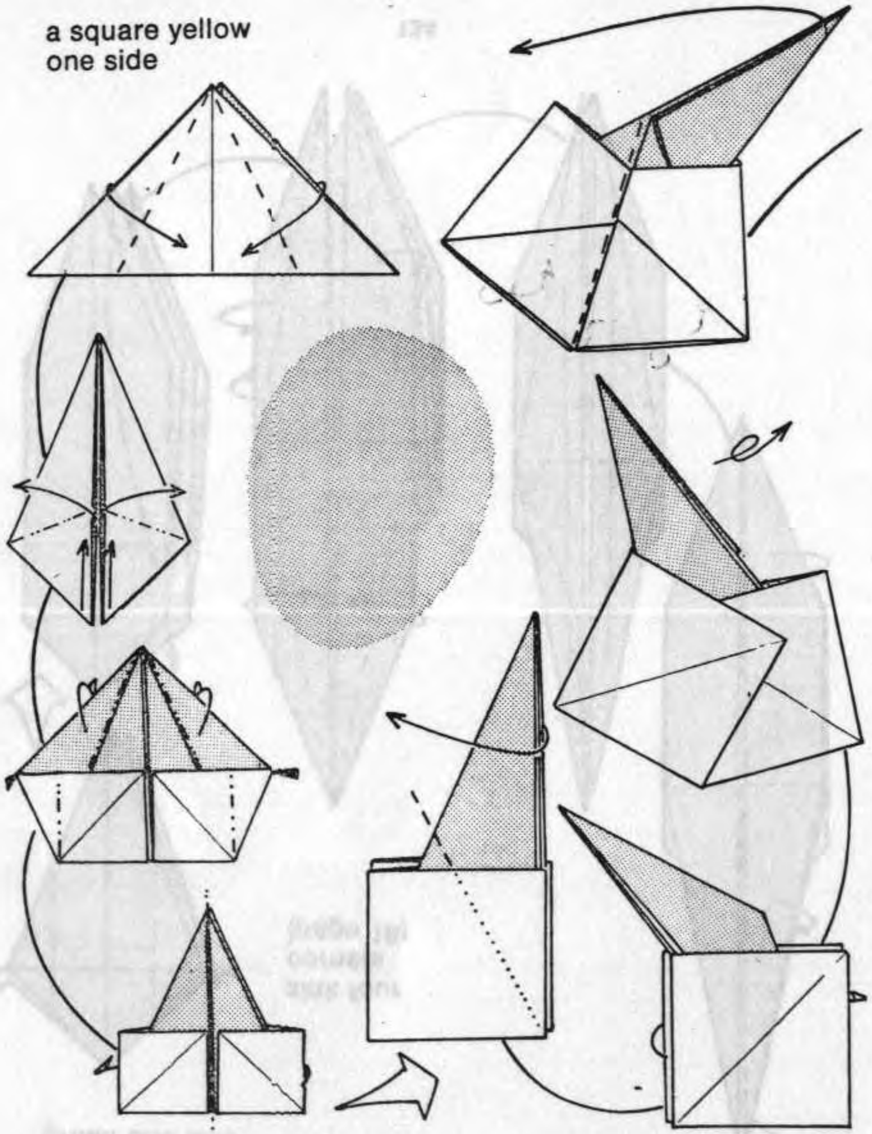



## **Square Owl** Eric Kenneway Gt. Britain



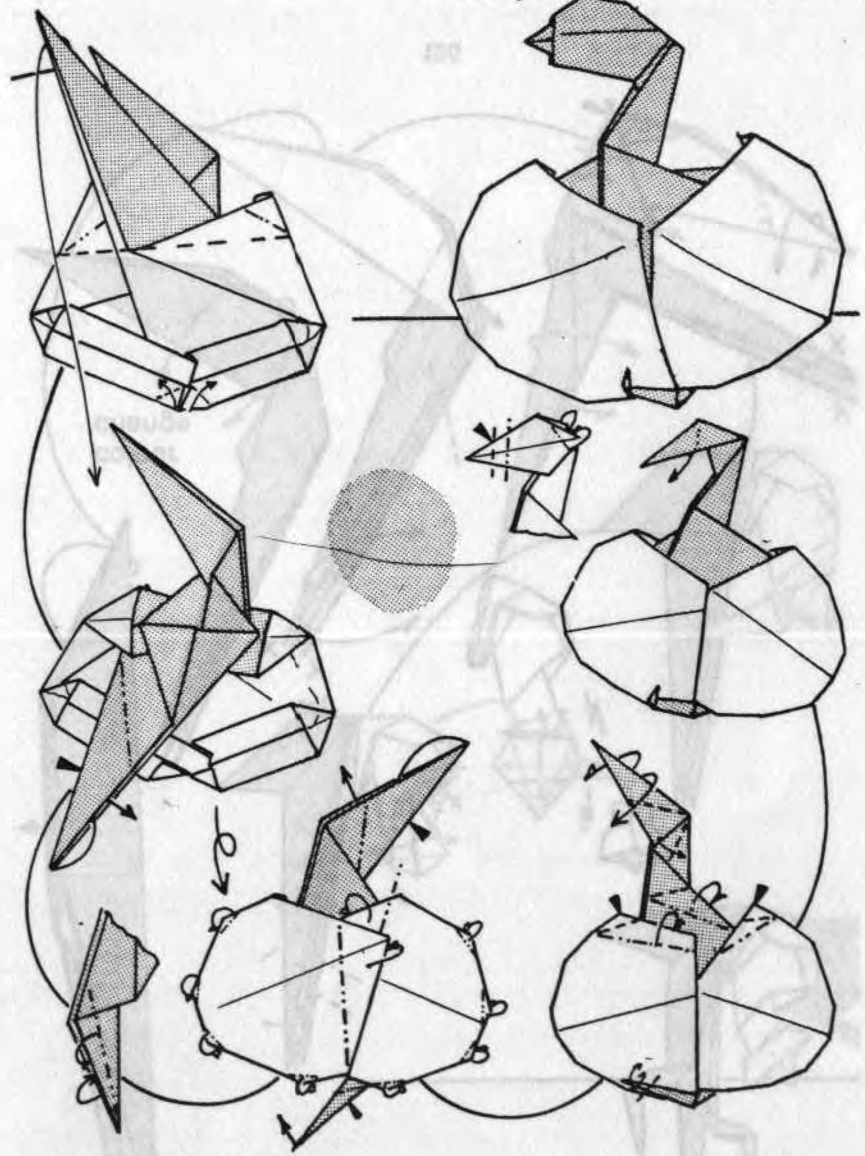
## Chick Hatching Neal Elias U.S.A.

a square yellow
one side





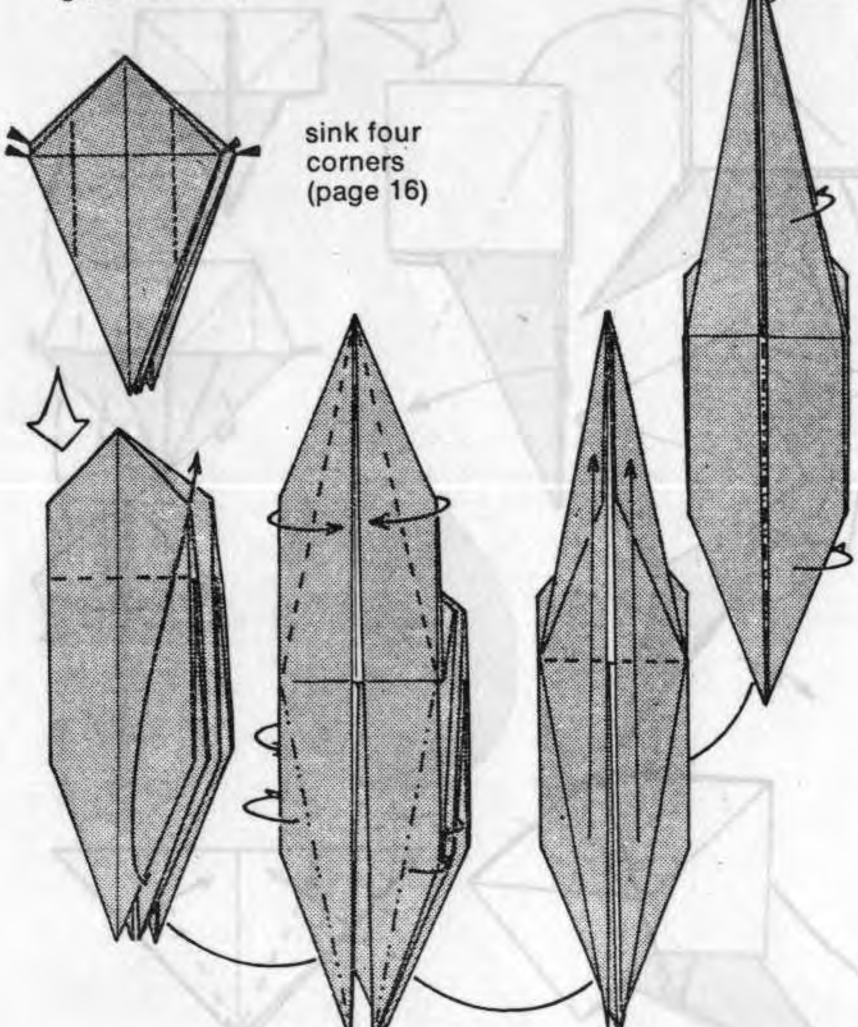
## Chick Hatching Surprise — Surprise



## **Siesta** Neal Elias

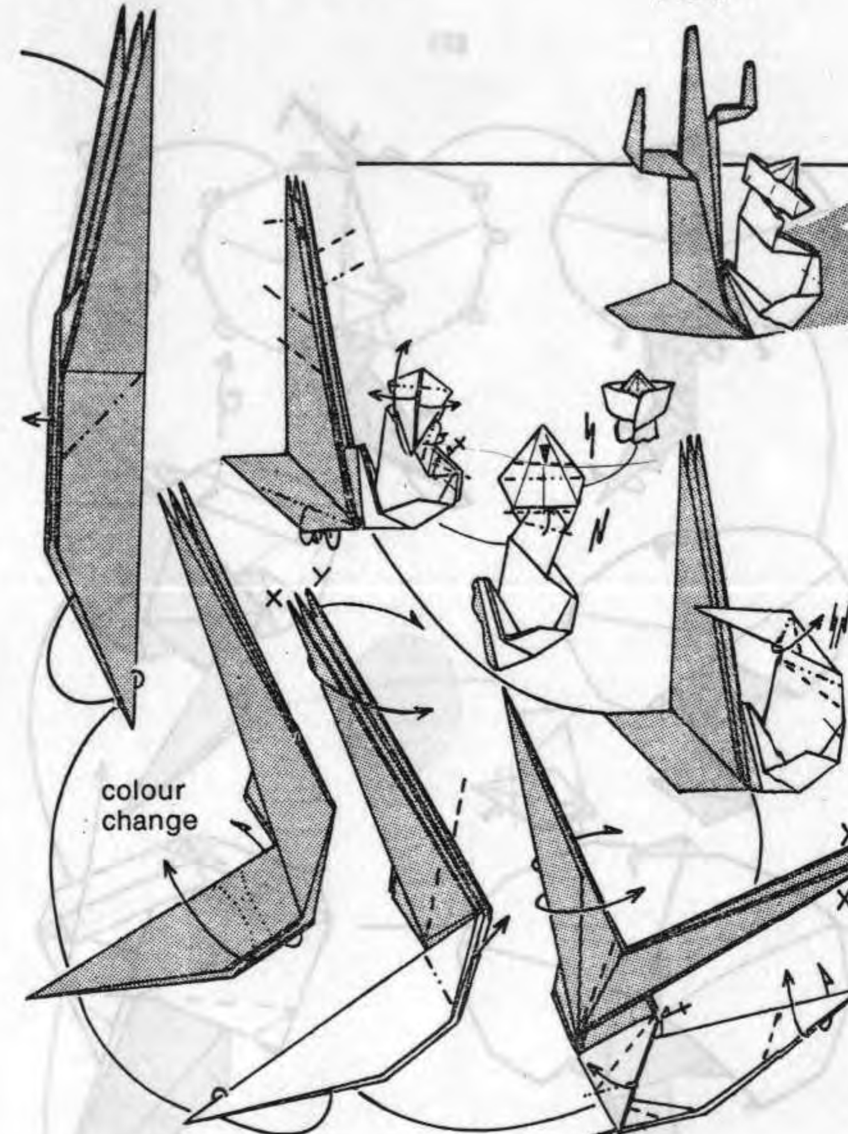
U.S.A.

begin with a bird base
green one side



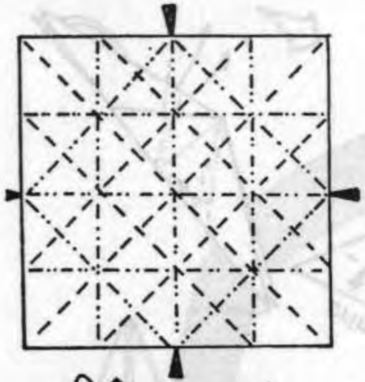


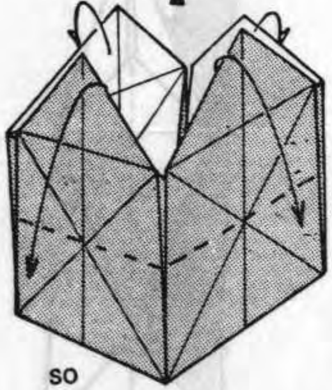

## **Siesta** concluded



# **Decoration** Iris Walker Gt. Britain

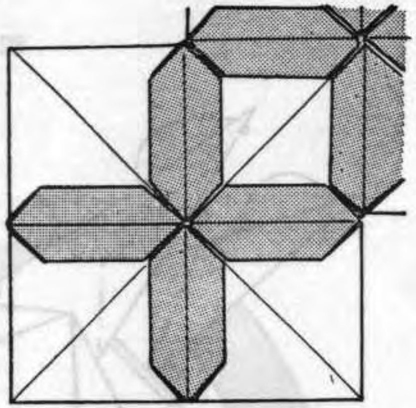
pre-crease a square carefully. Lift corners 90° push sides in



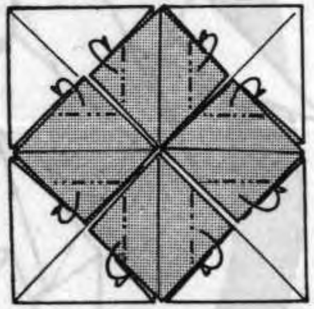


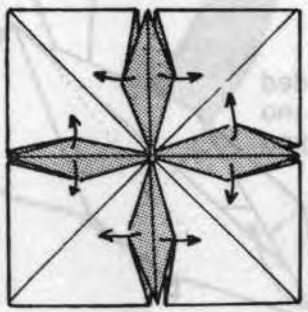
so

valley fold four sides and arrive at the result on the right. A bit of a struggle



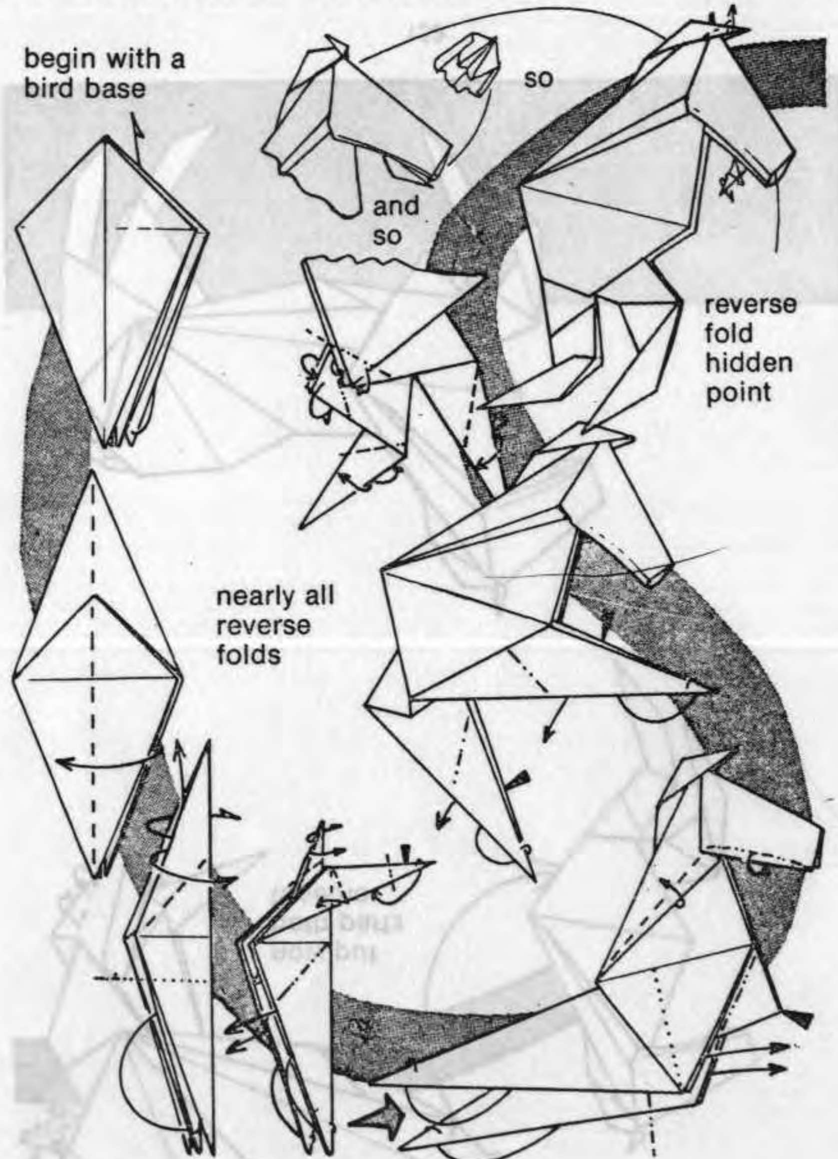
make several and fit together for fine display



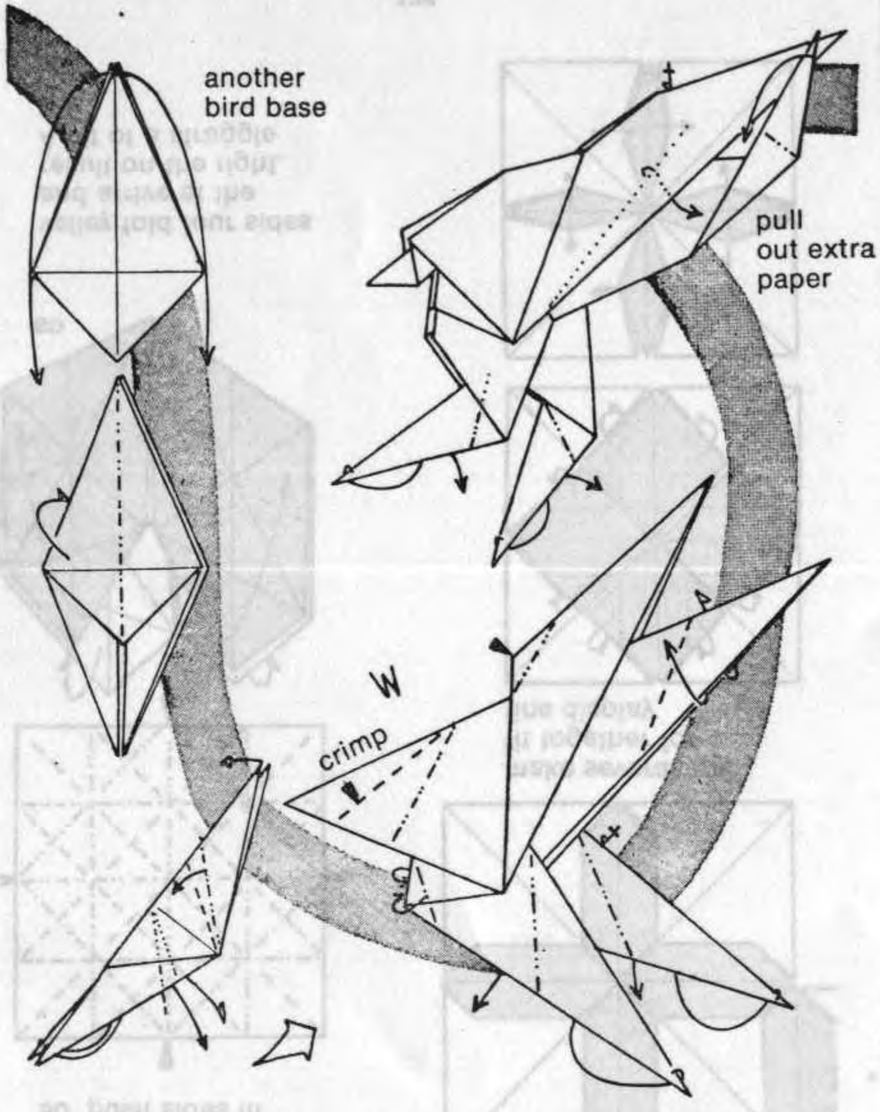




# **Persian Horse** Dale Walton U.S.A.

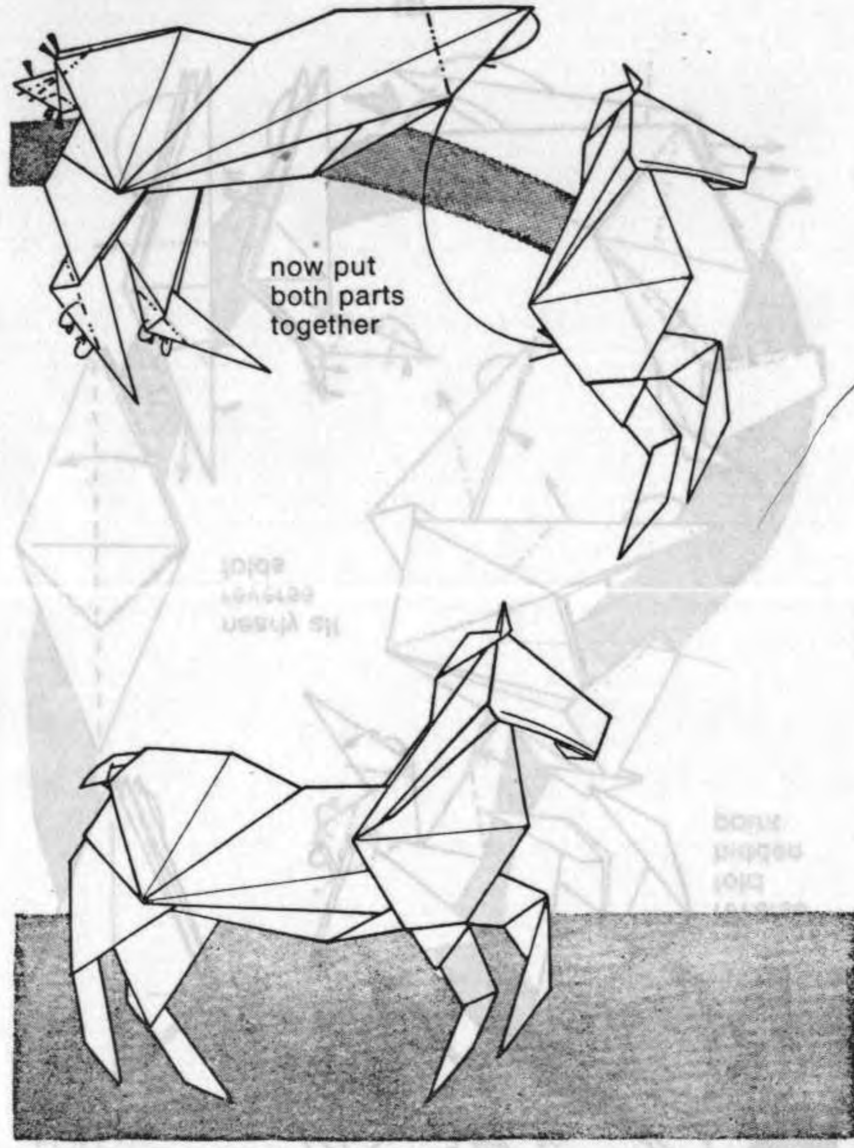


## **Persian Horse** continued

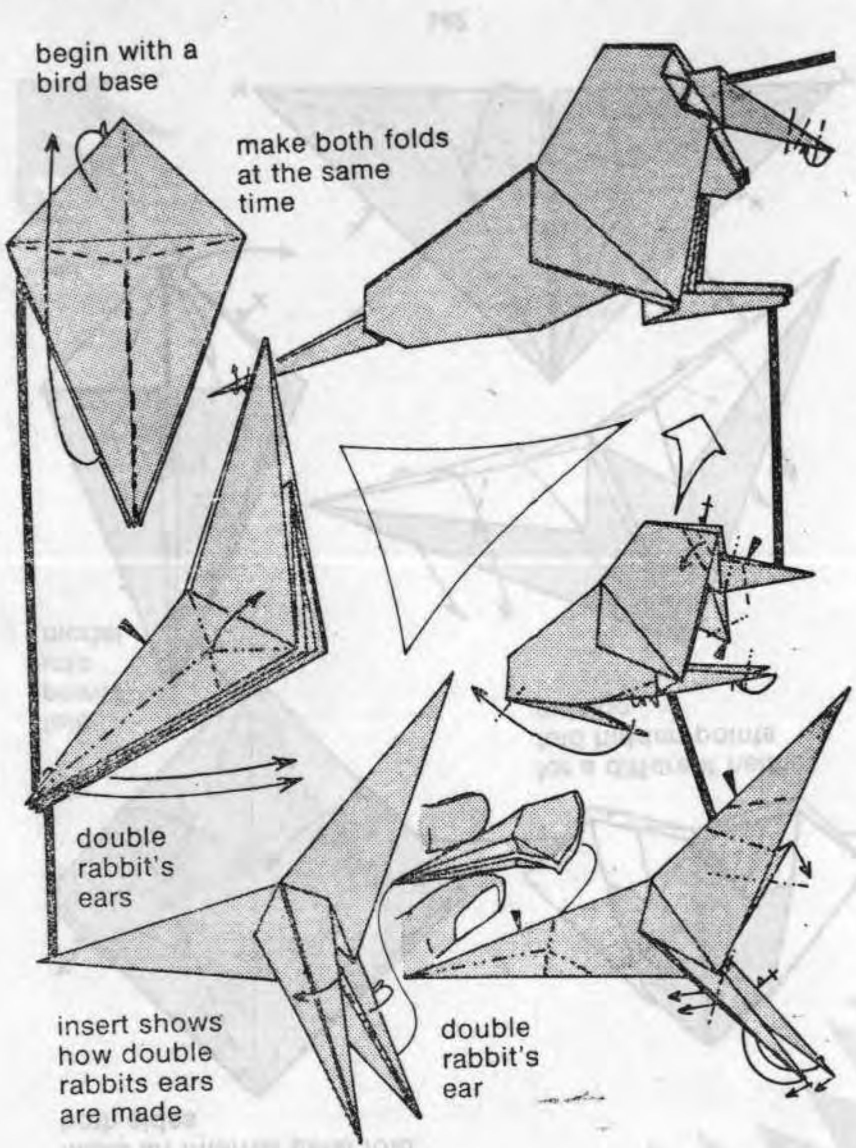





## **Persian Horse** concluded

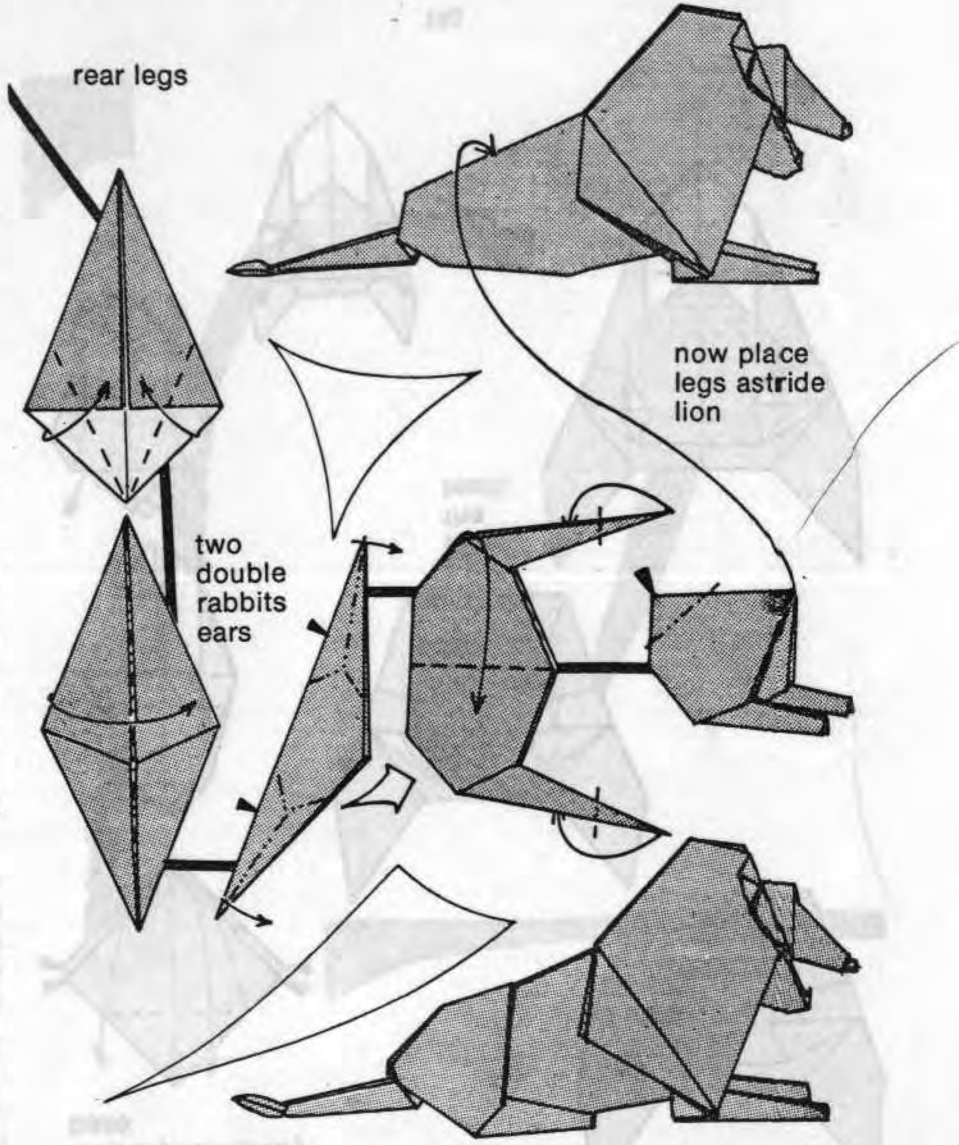


# **Lion Reclining** Philip Yoshio Kushi U.S.A.

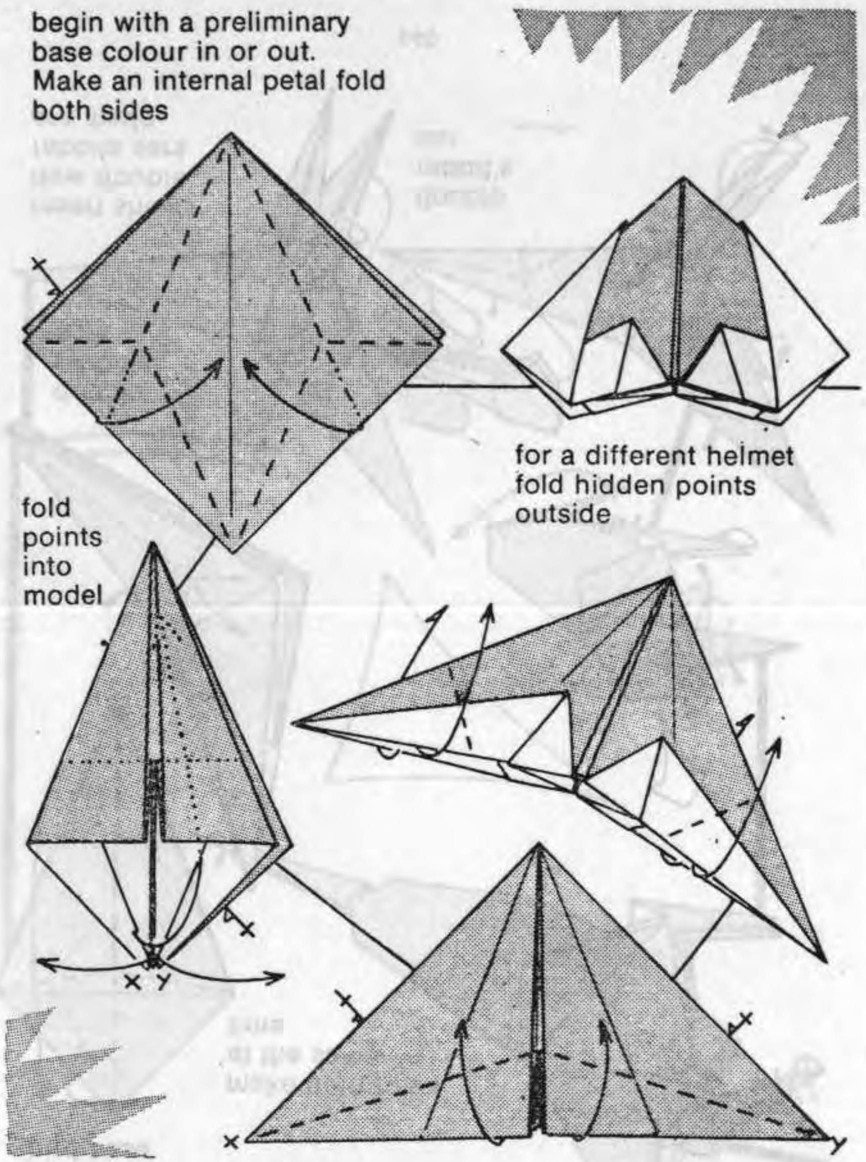





# **Lion Reclining** concluded

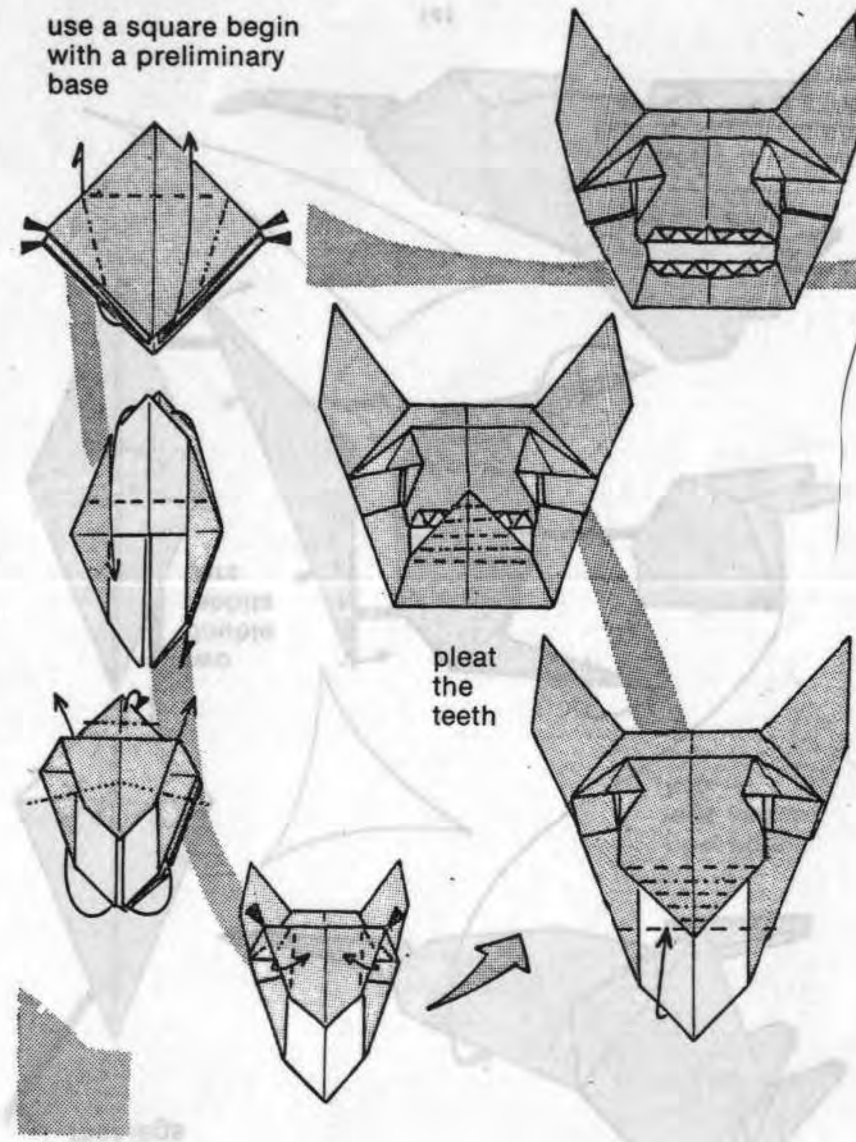


# **Helmet** Robert Harbin Gt. Britain

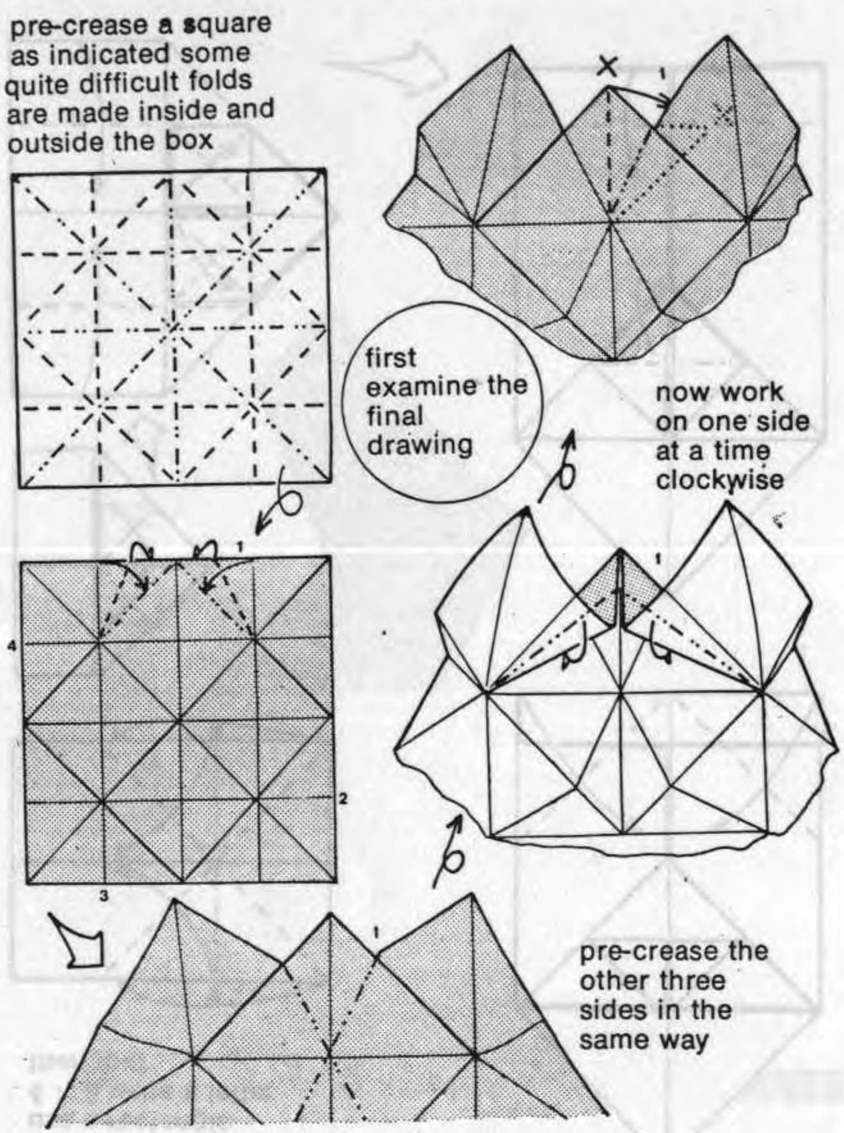





# **Hell Cat** Robert Harbin Gt. Britain



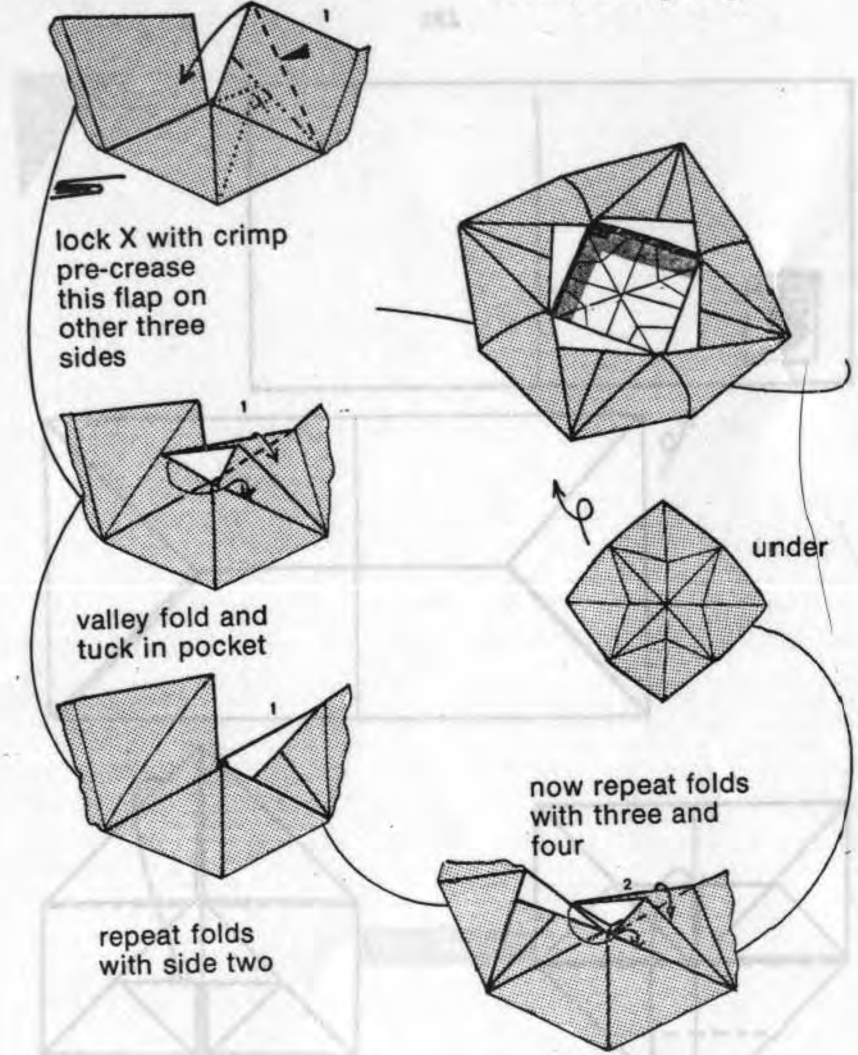
# Polyhedral Box Dr. Roberto Morassi Italy





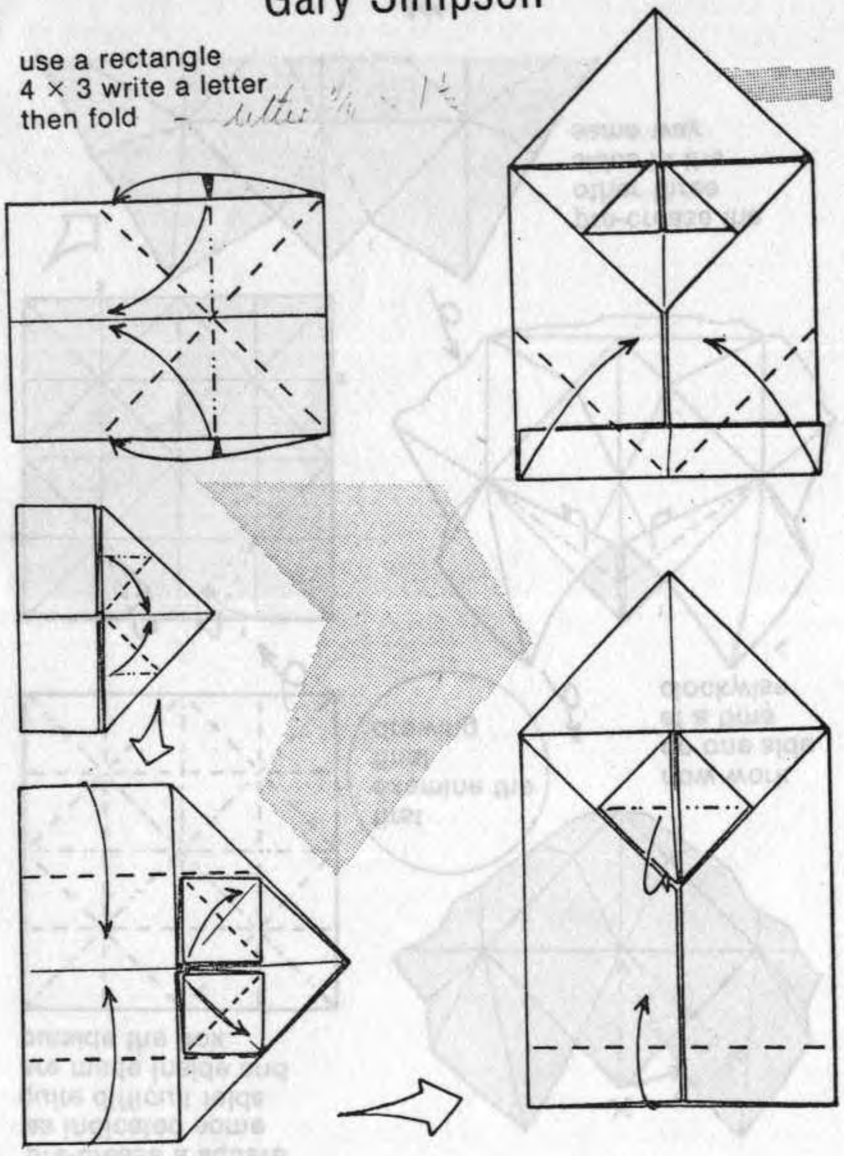

# Polyhedral Box

Worth trying



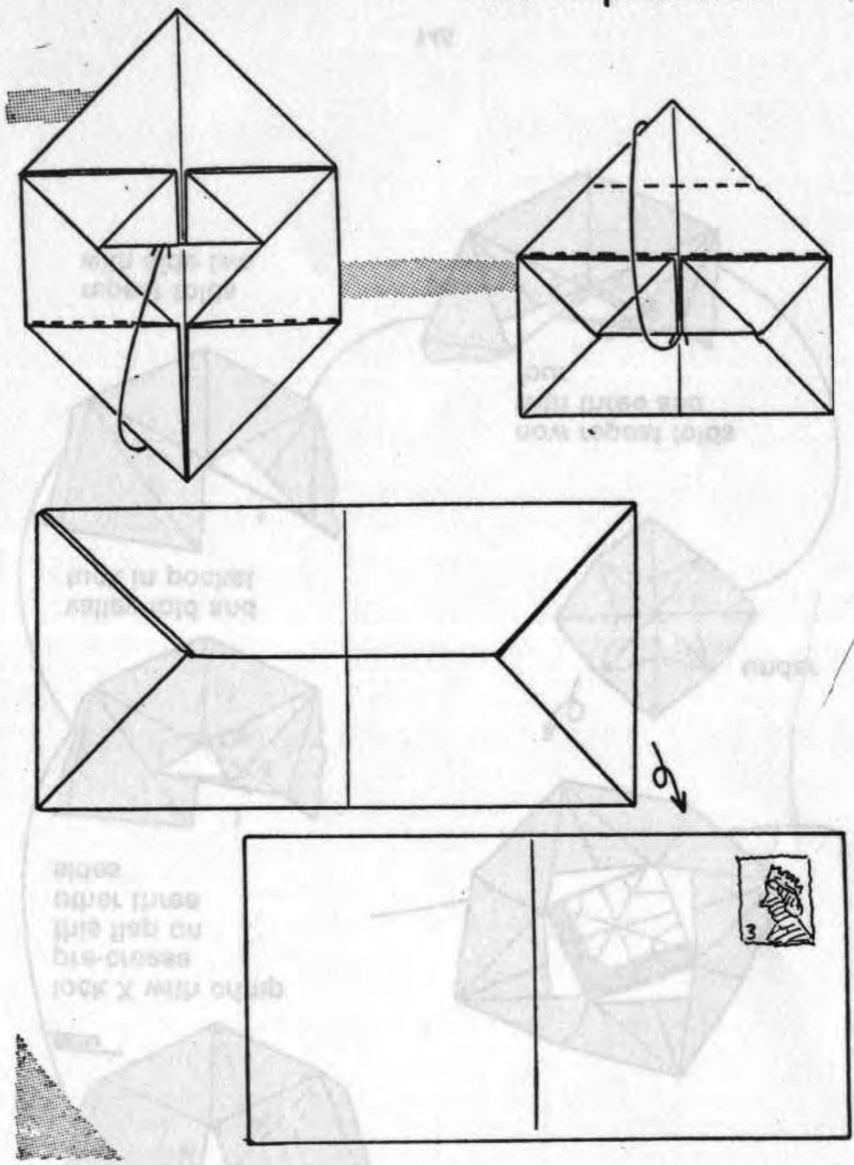
# Post a Letter Sent by Gary Simpson Gt. Britain

use a rectangle
4 × 3 write a letter
then fold





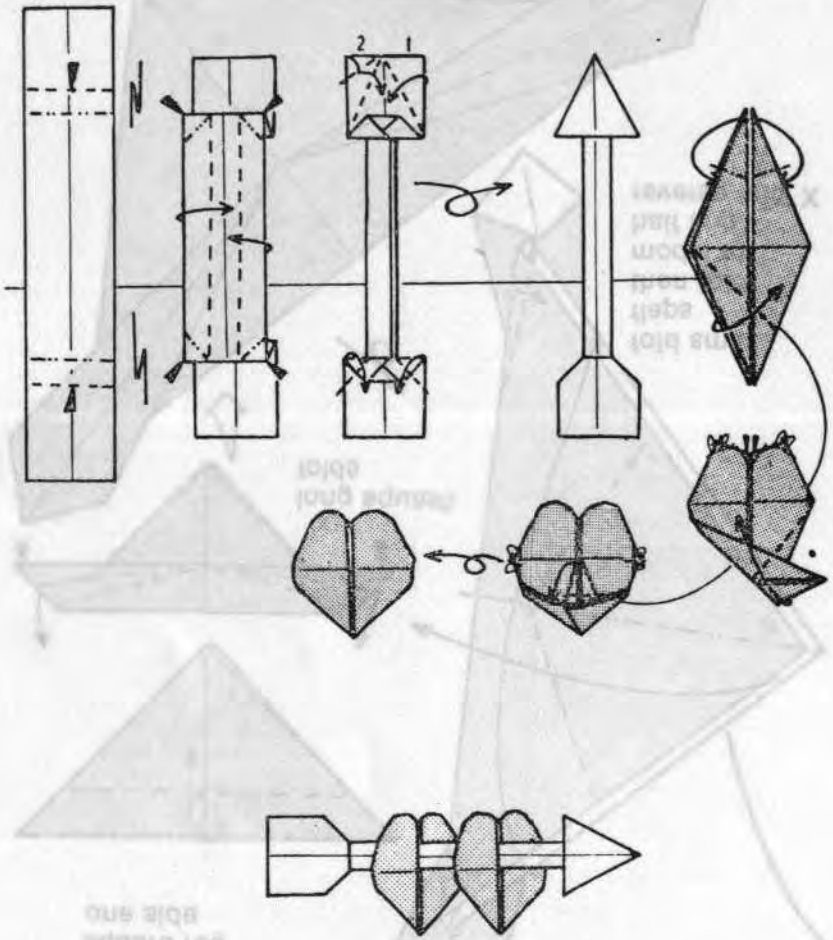
# Post a Letter This is practical



## **Cupid** Ronald Koh Singapore

rectangle 6 × 3
use gold foil

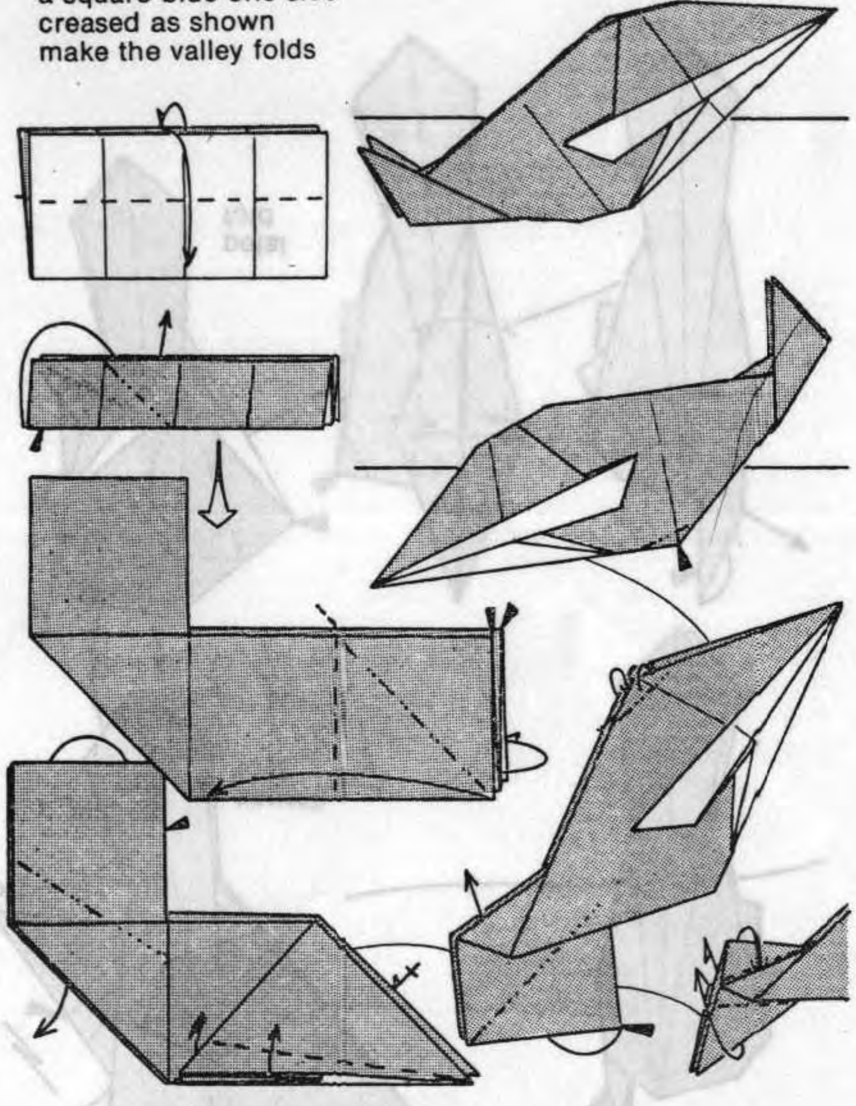
two squares
3 × 3 red one
side begin with
a bird base



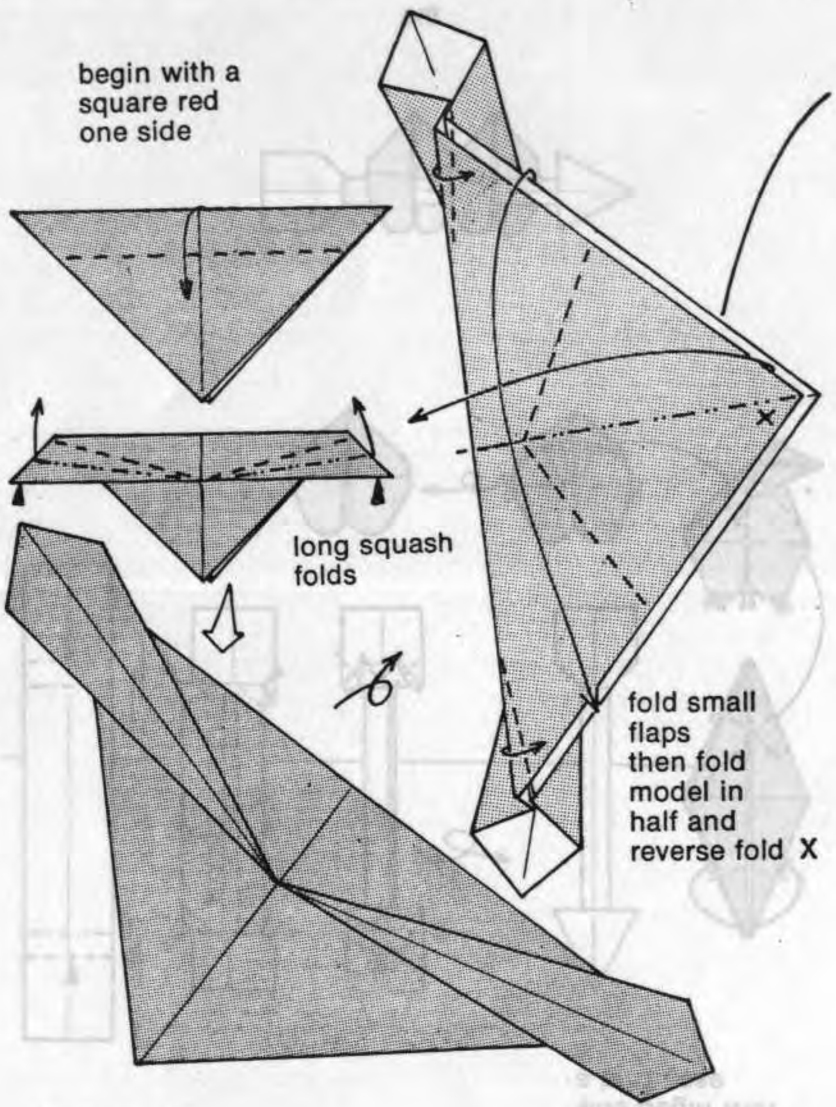



## **Blue Whale** Stuart R. Allington Gt. Britain

a square blue one side
creased as shown
make the valley folds

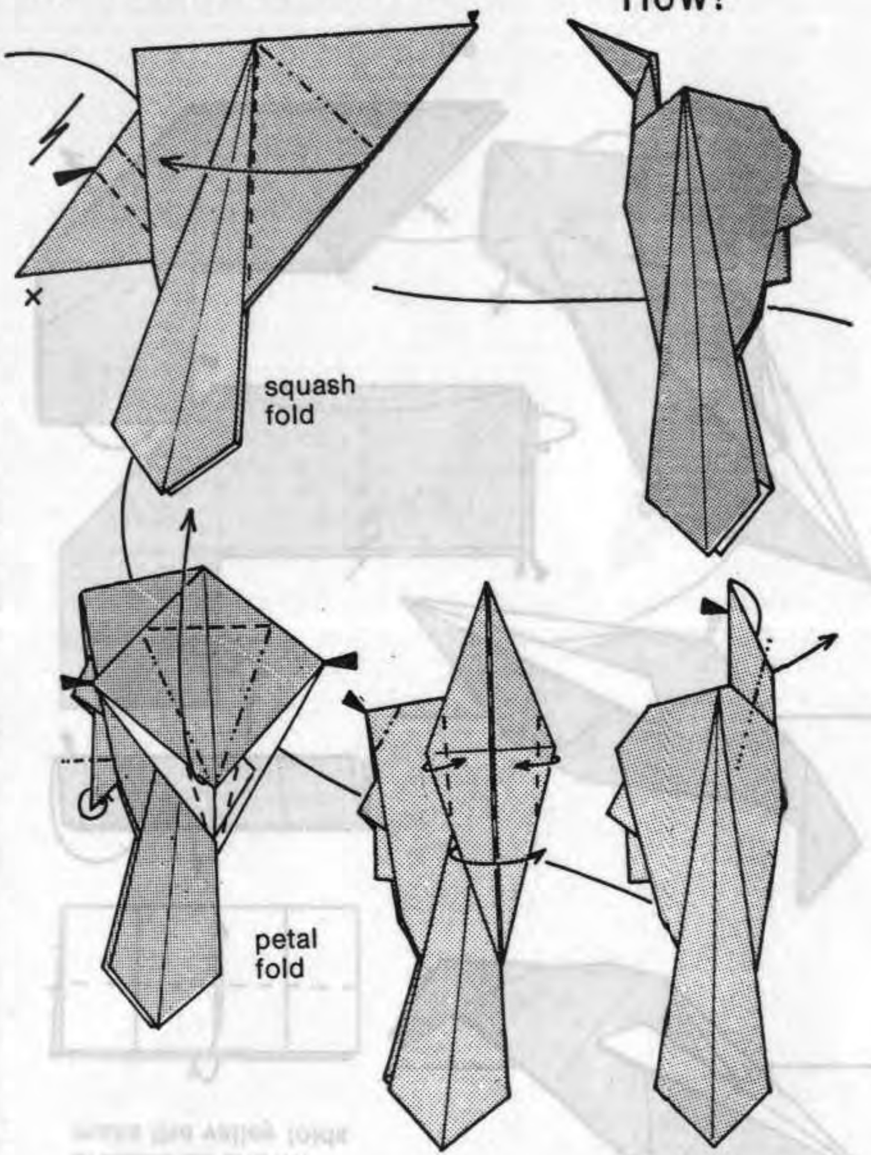


# A Red Indian Edward Megrath, Gt. Britain

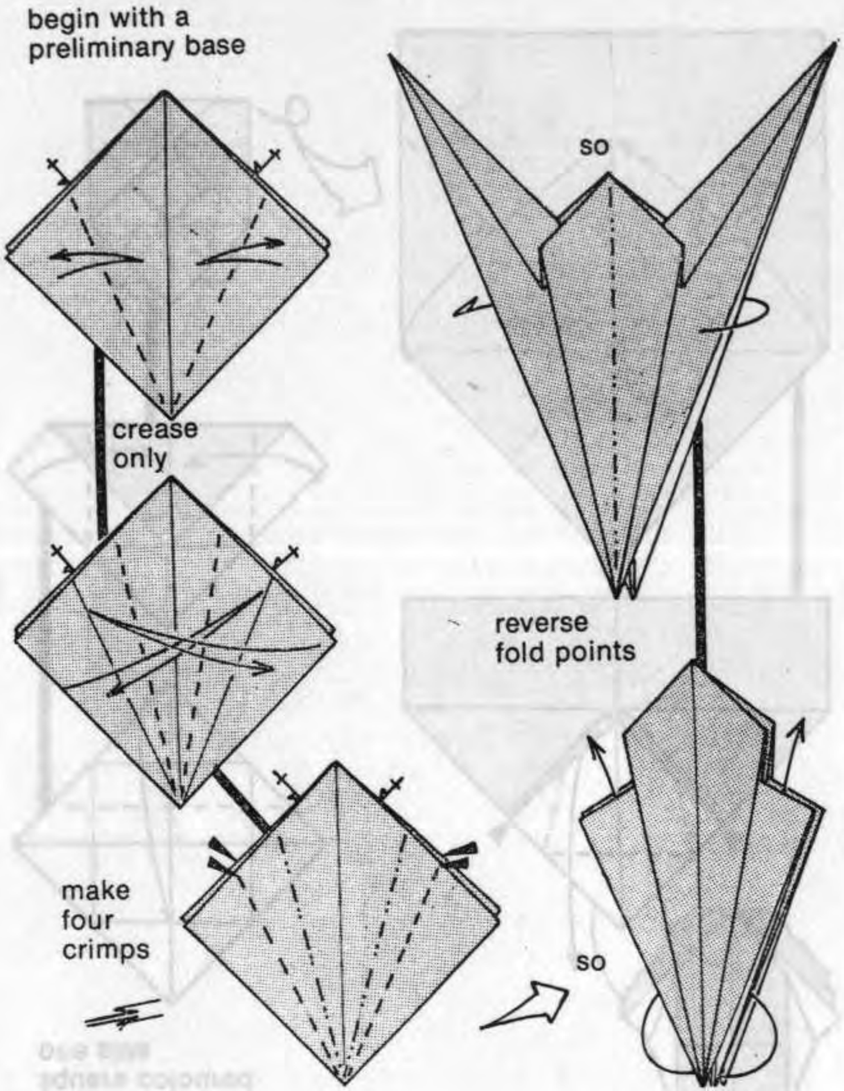





# Red Indian concluded

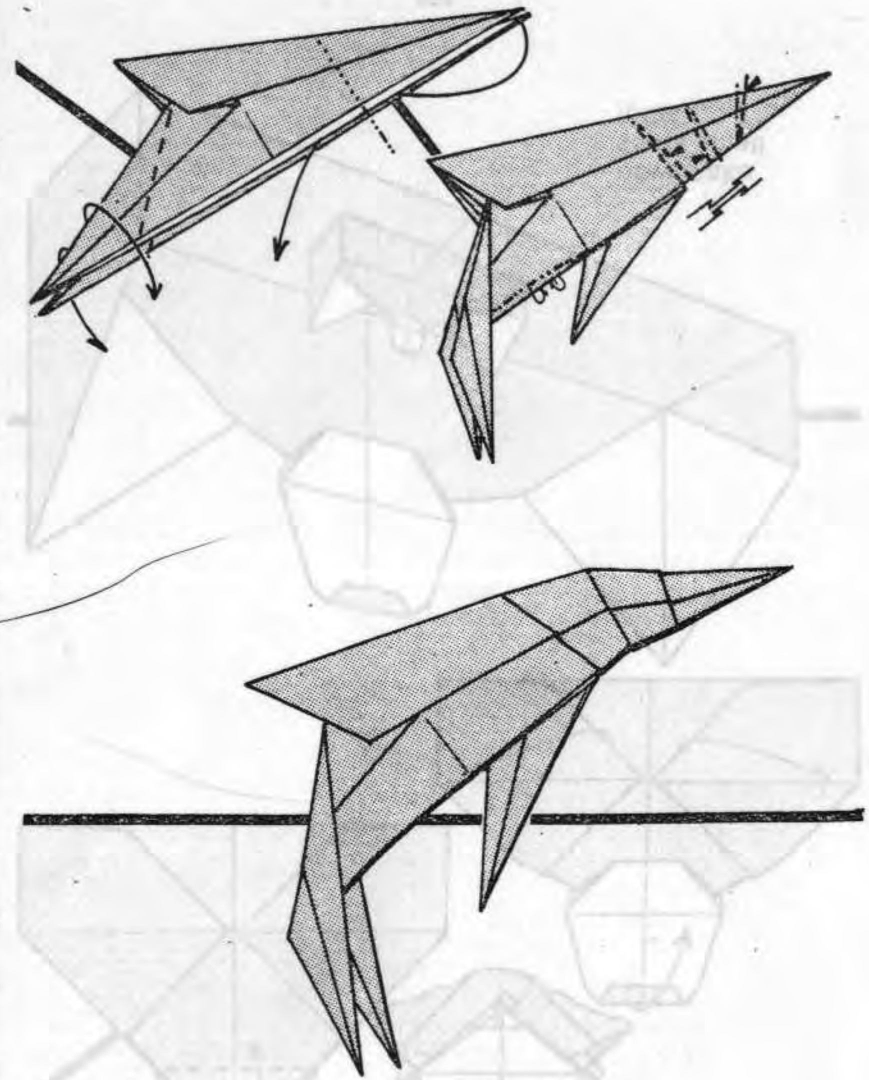


# **Marlin** Peter Ackroyd — Gt. Britain

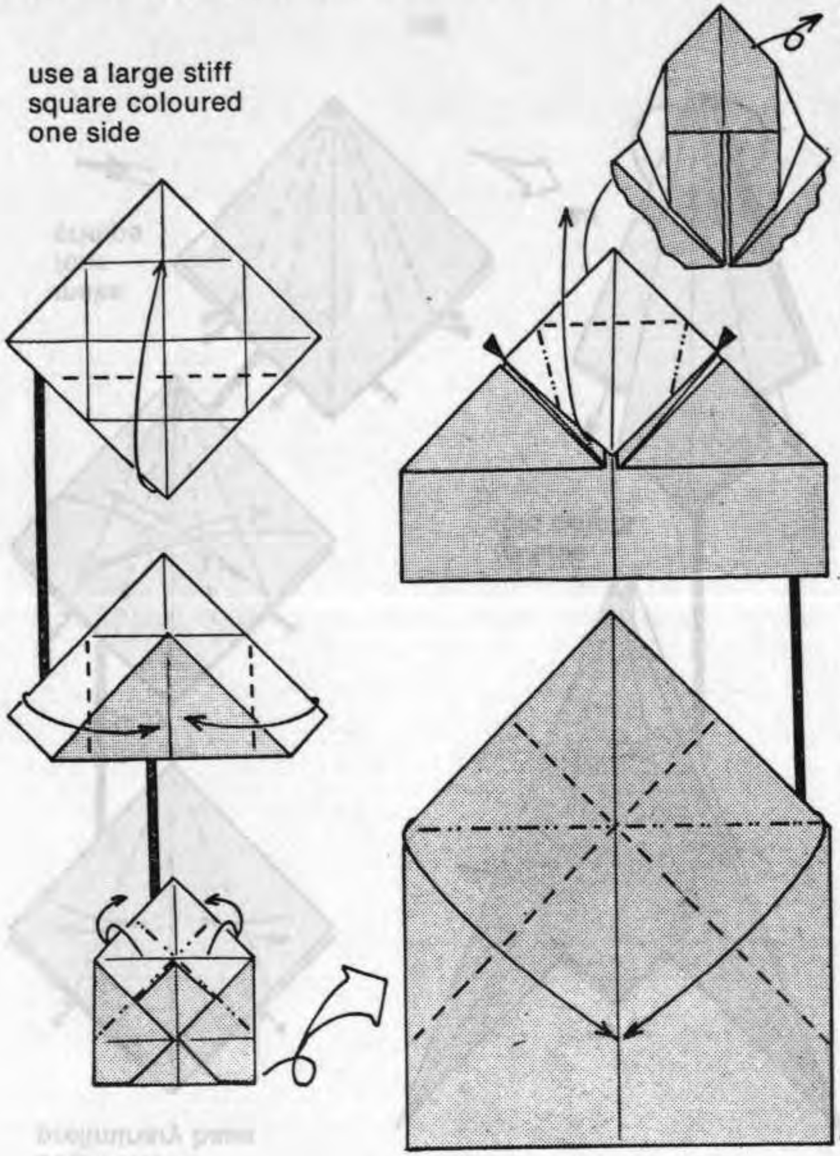





# **Marlin** concluded

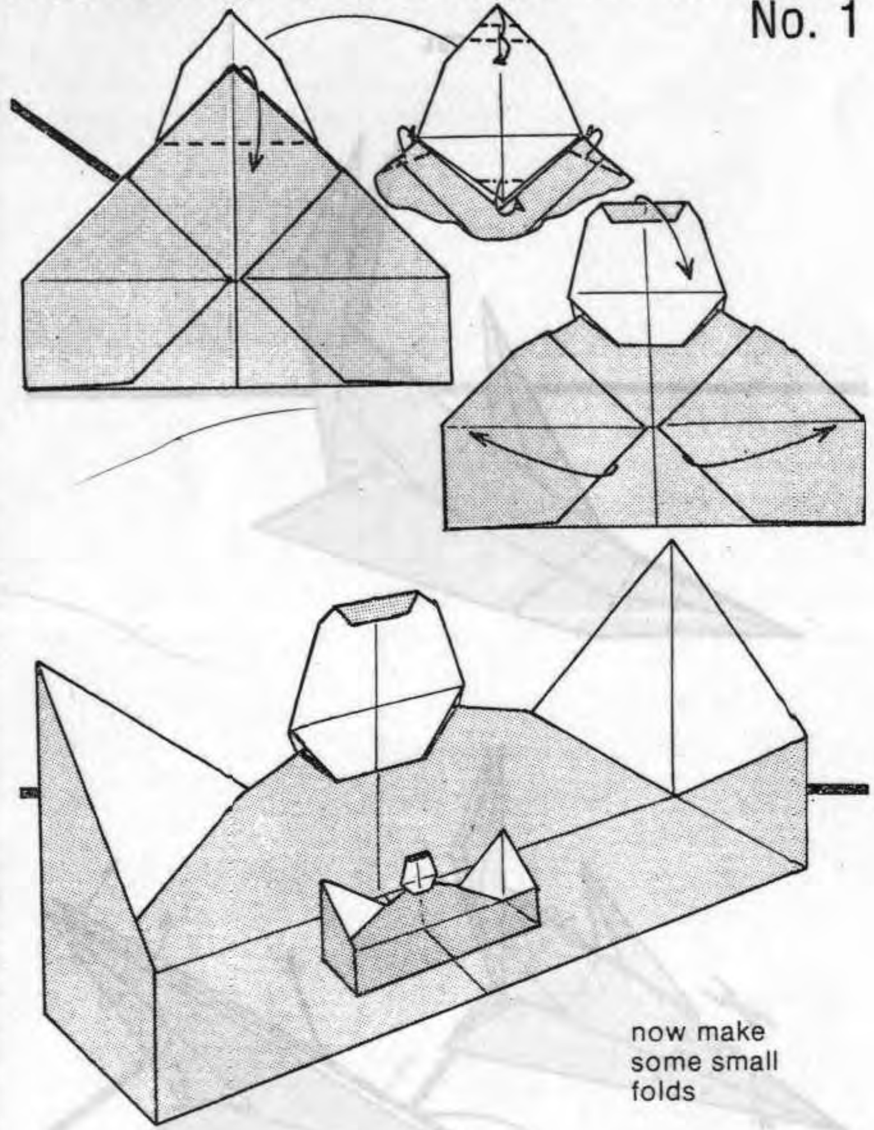


## **Buddah Display** Robert Harbin Gt. Britain



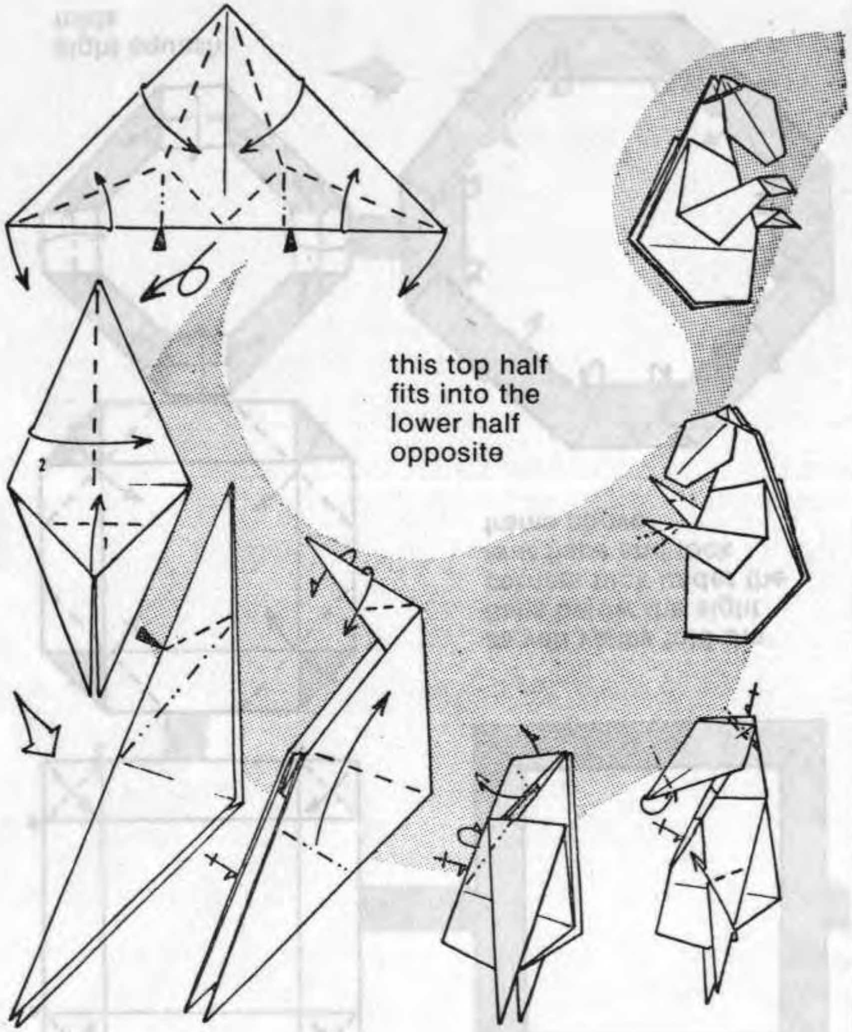



## **Buddah Display** from Origami Compendium No. 1



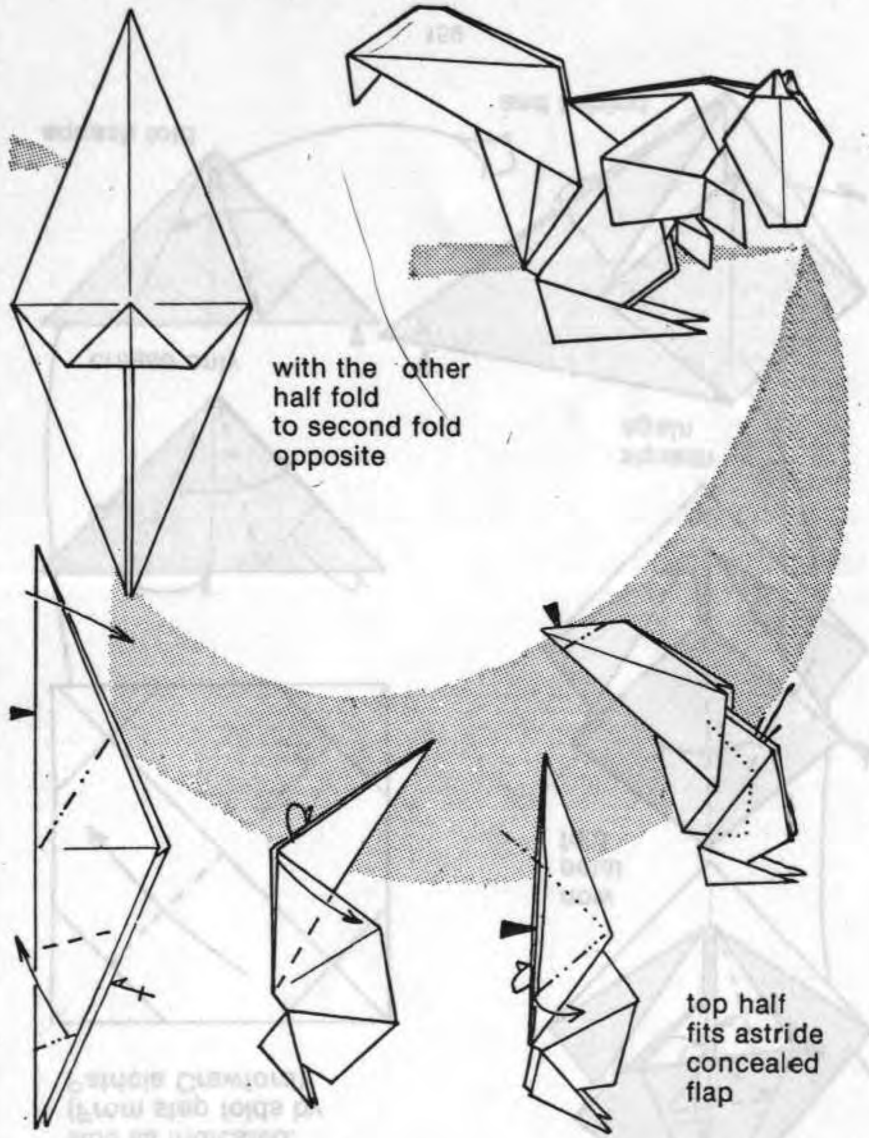
## Squirrel Alice Gray U.S.A.

use half a square
two rabbit's ears



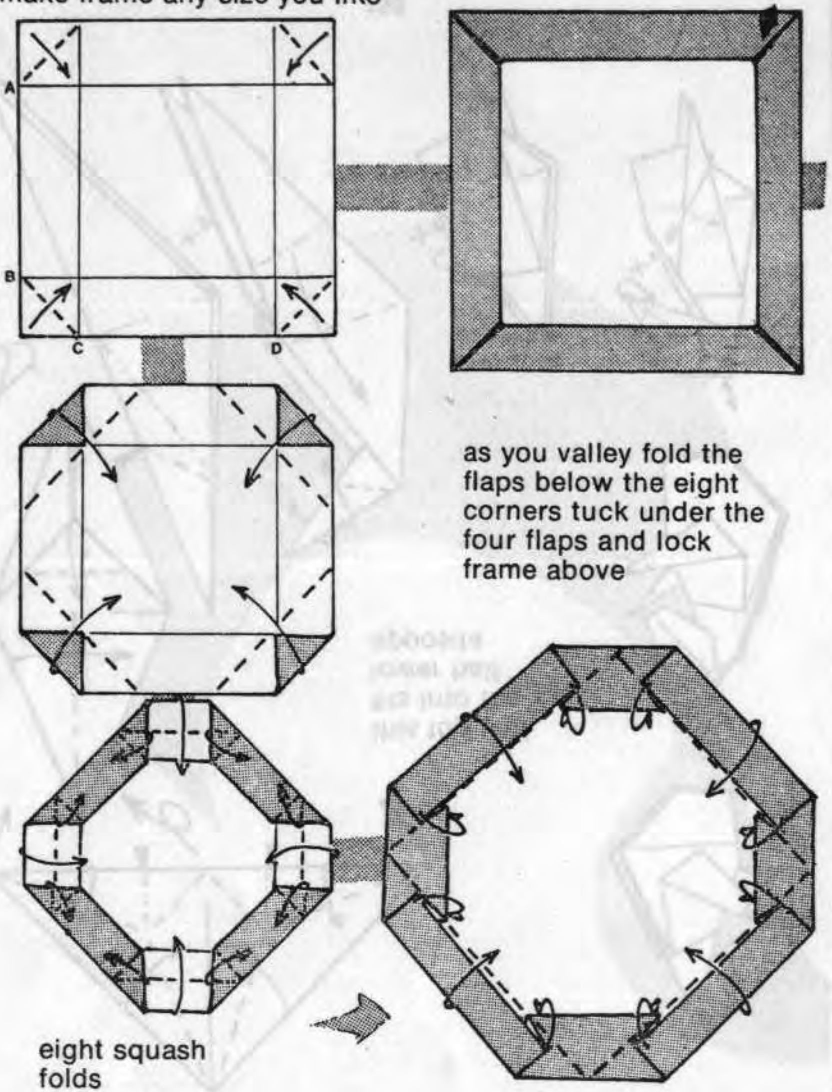



## Squirrel concluded Ed Sullivan U.S.A.



# Picture Frame Ed Sullivan U.S.A.

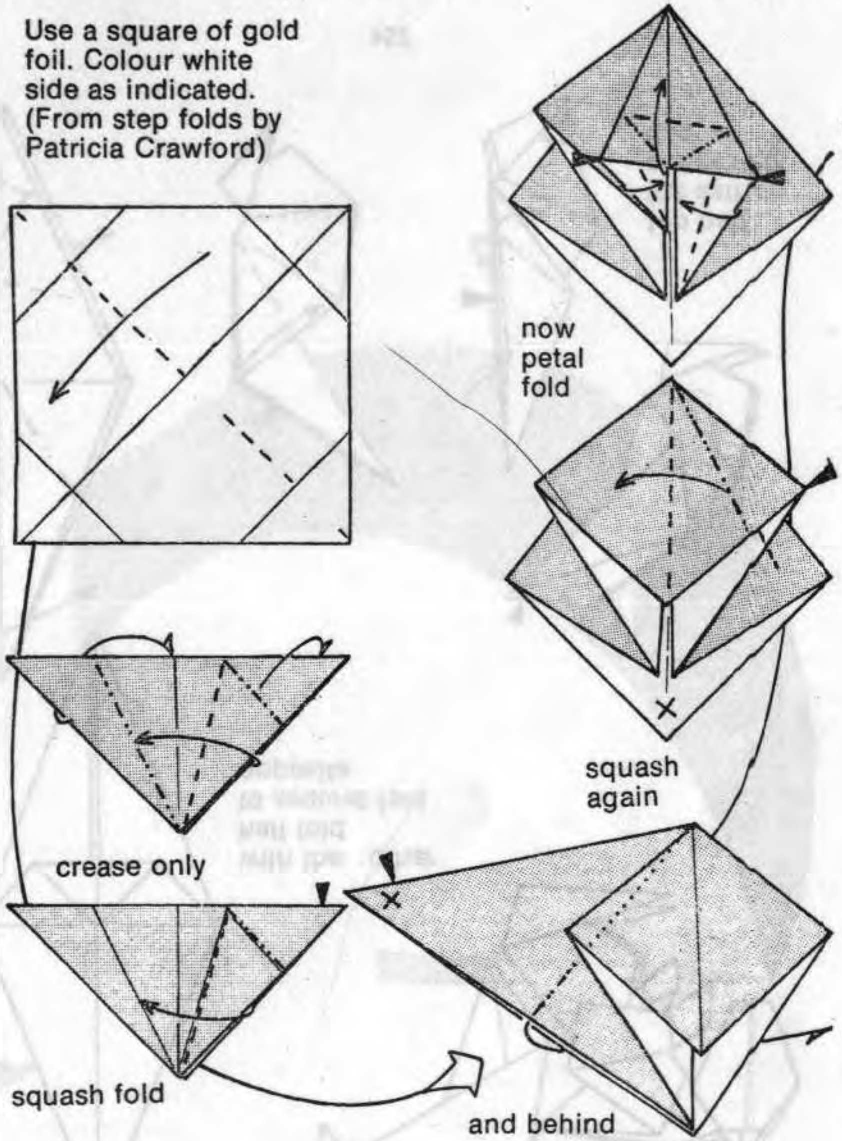
A, B, C and D are pencil lines
make frame any size you like





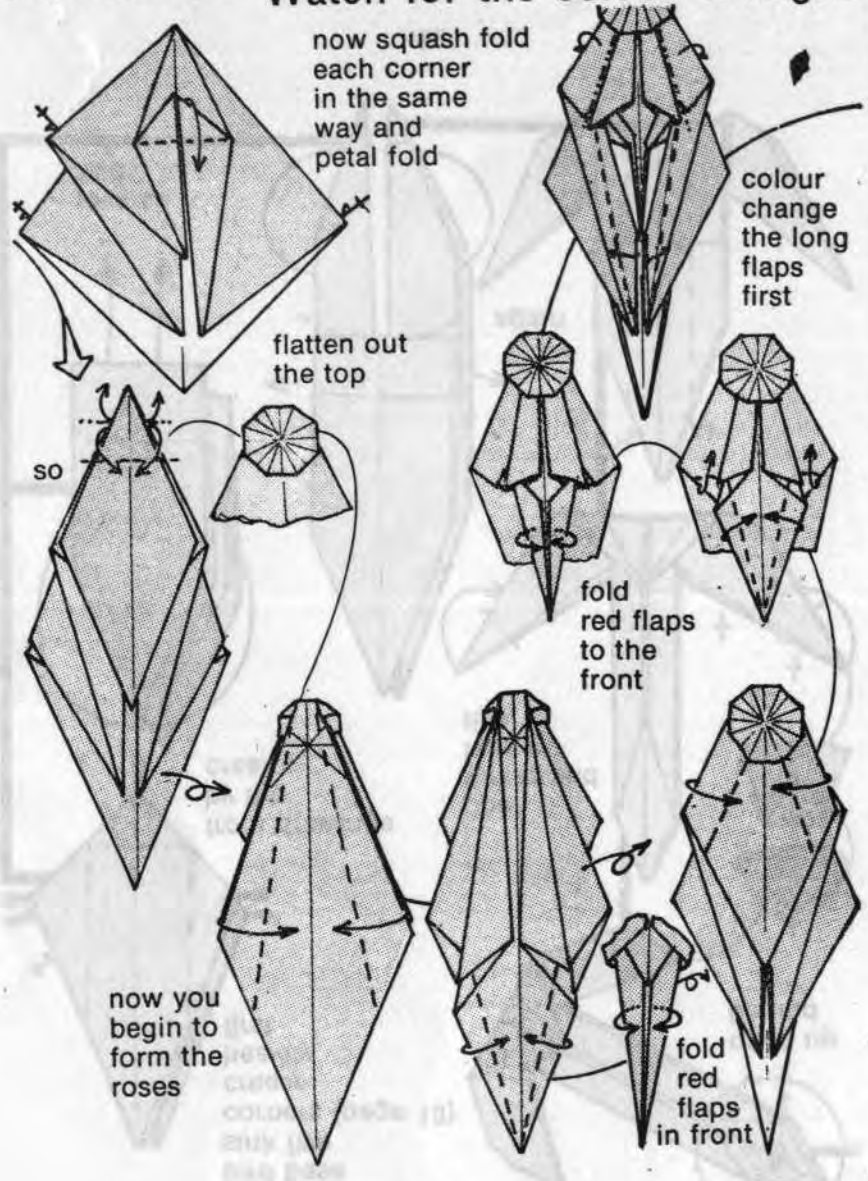

# Four Roses Fred Rohm U.S.A.

Use a square of gold foil. Colour white side as indicated. (From step folds by Patricia Crawford)



# Four Roses

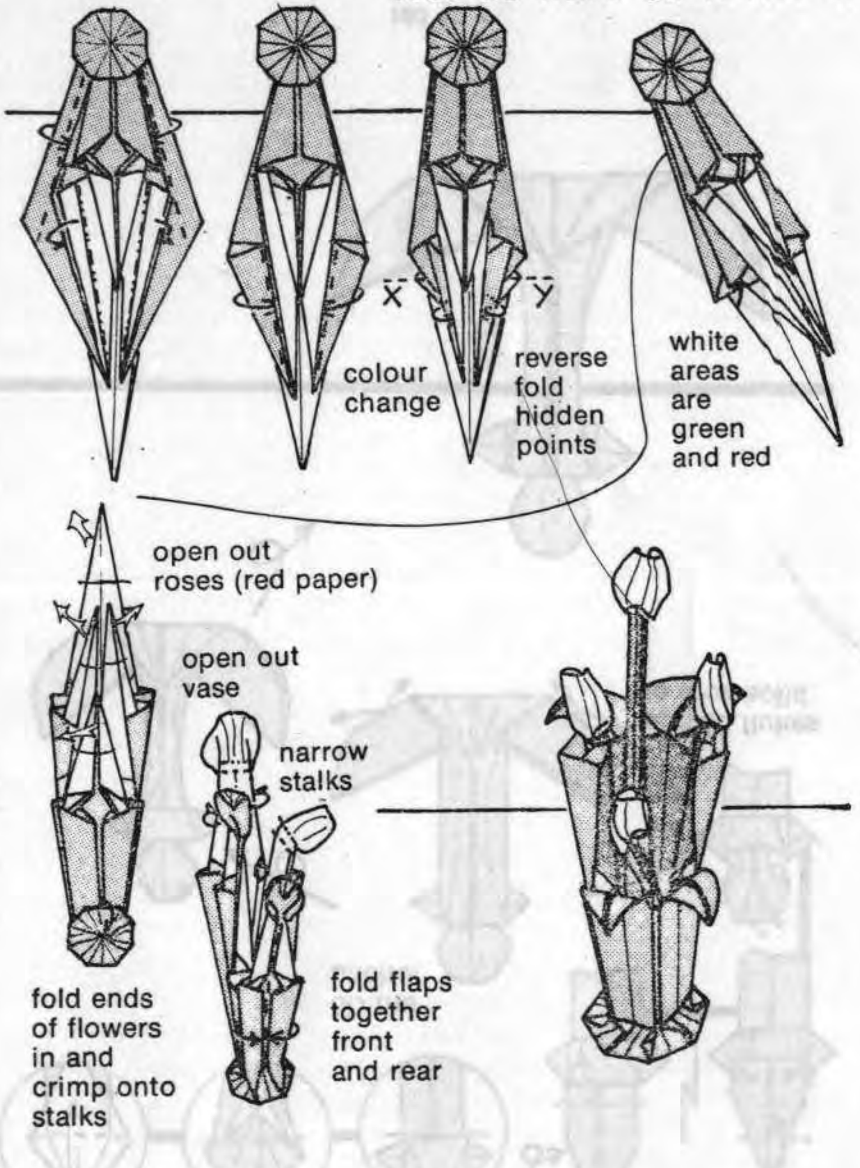
## Watch for the colour changes





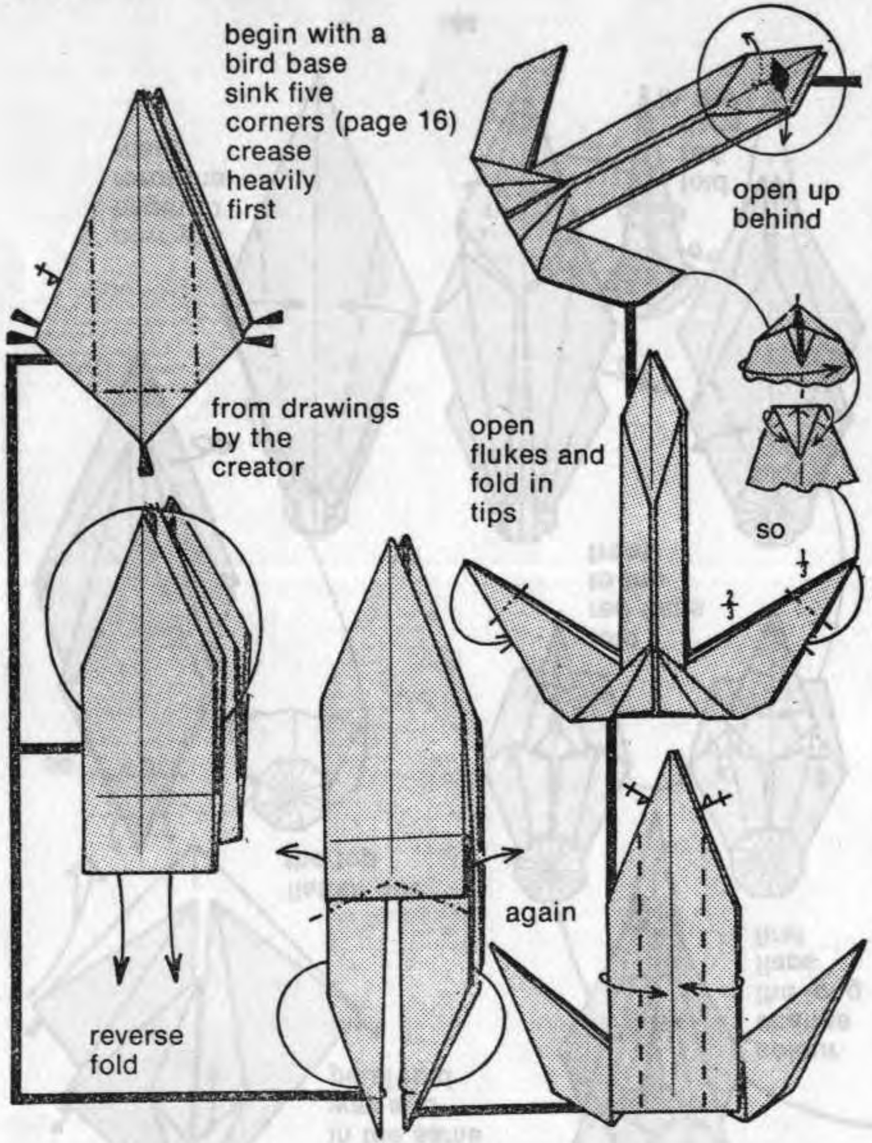

# Four Roses

## Not as hard as it looks



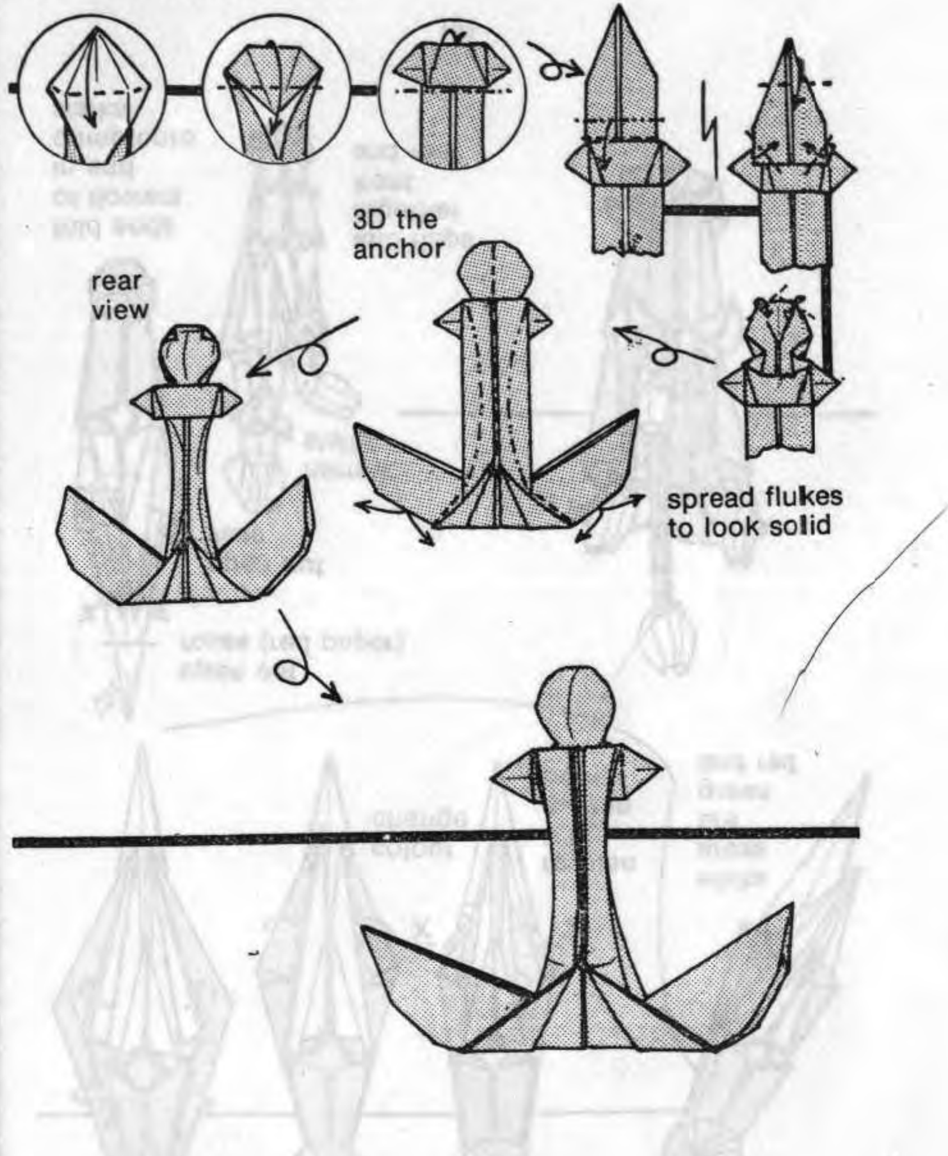
# **Anchor** Ted Darwin

Gt. Britain



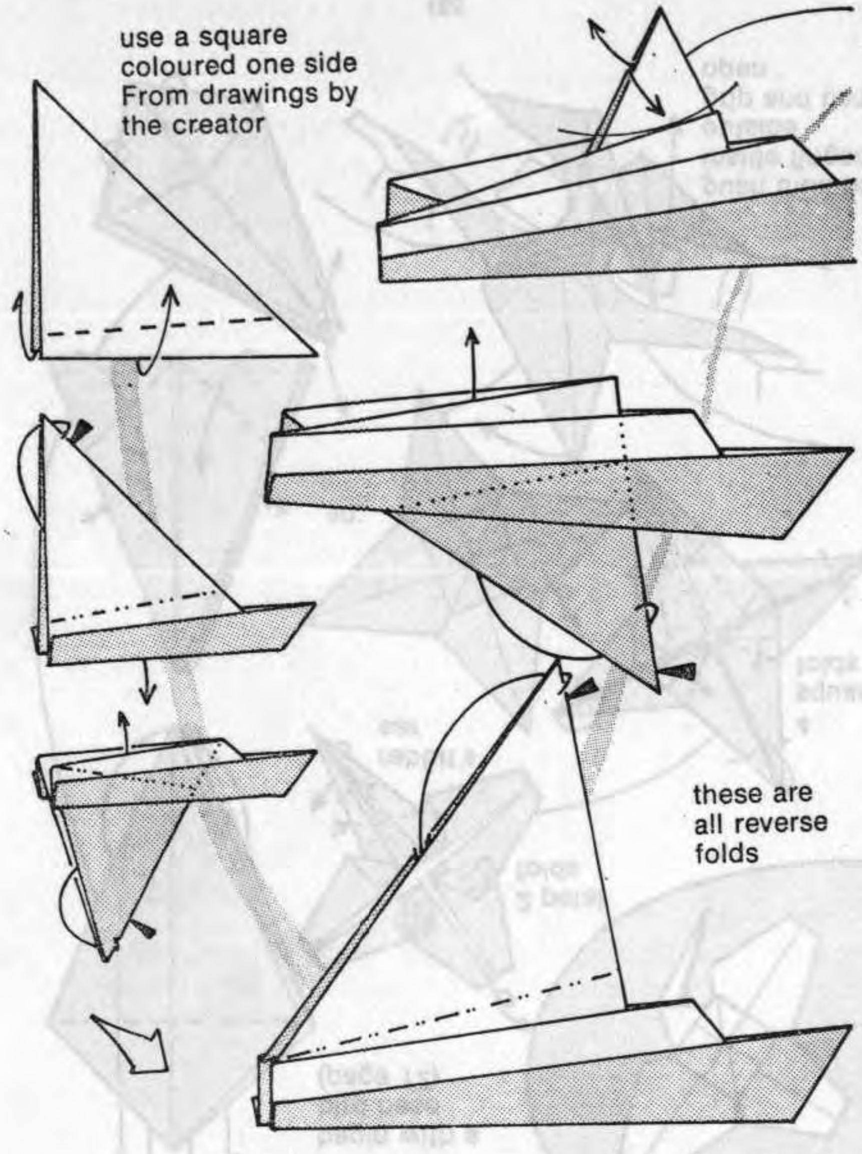



# **Anchor** concluded



## **Ocean Liner** Ted Darwin — Gt. Britain

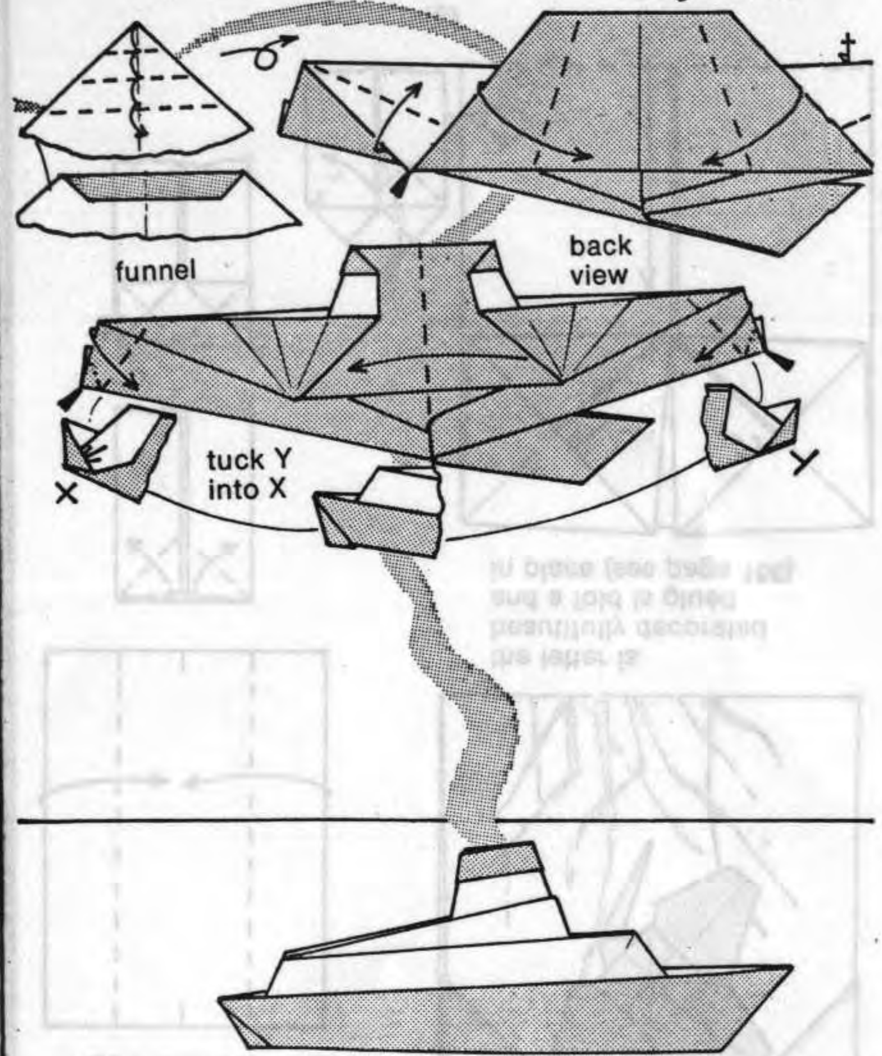
use a square
coloured one side
From drawings by
the creator



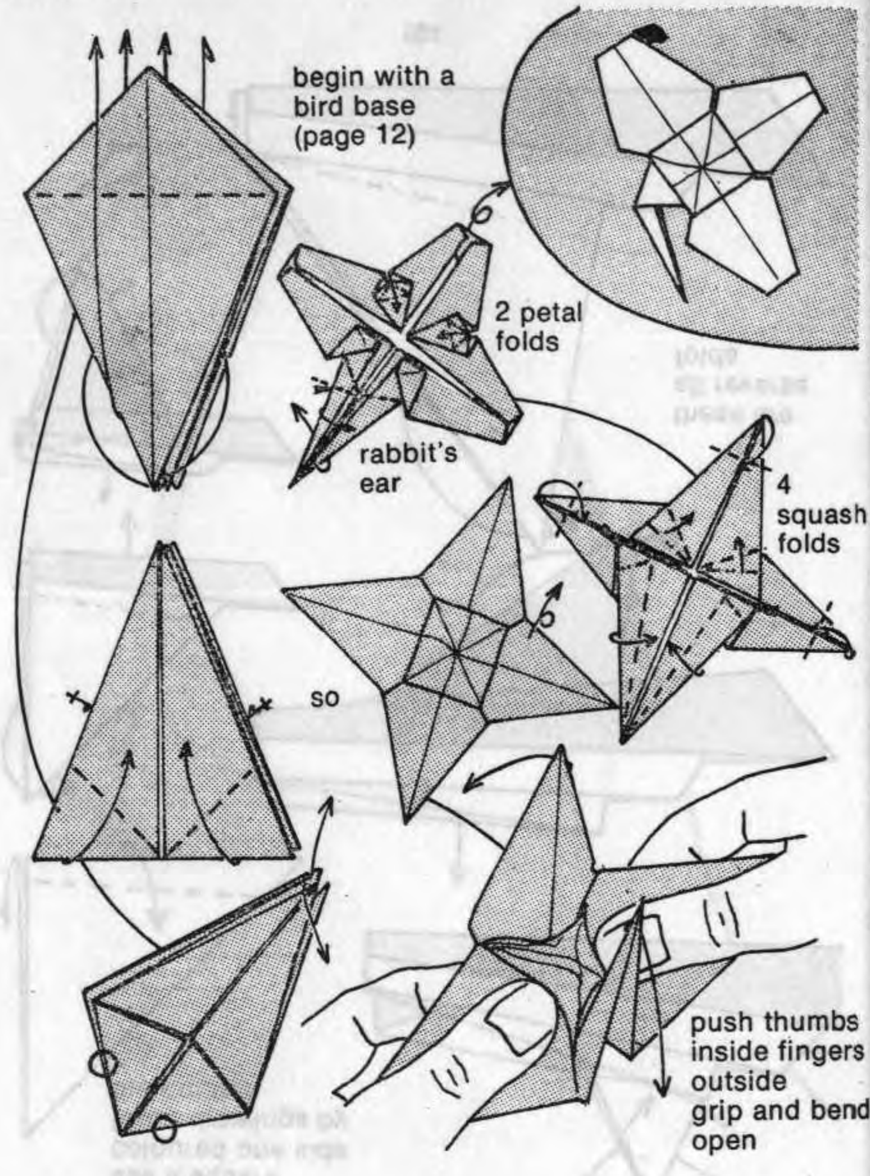



## **Ocean Liner** concluded

Very neat

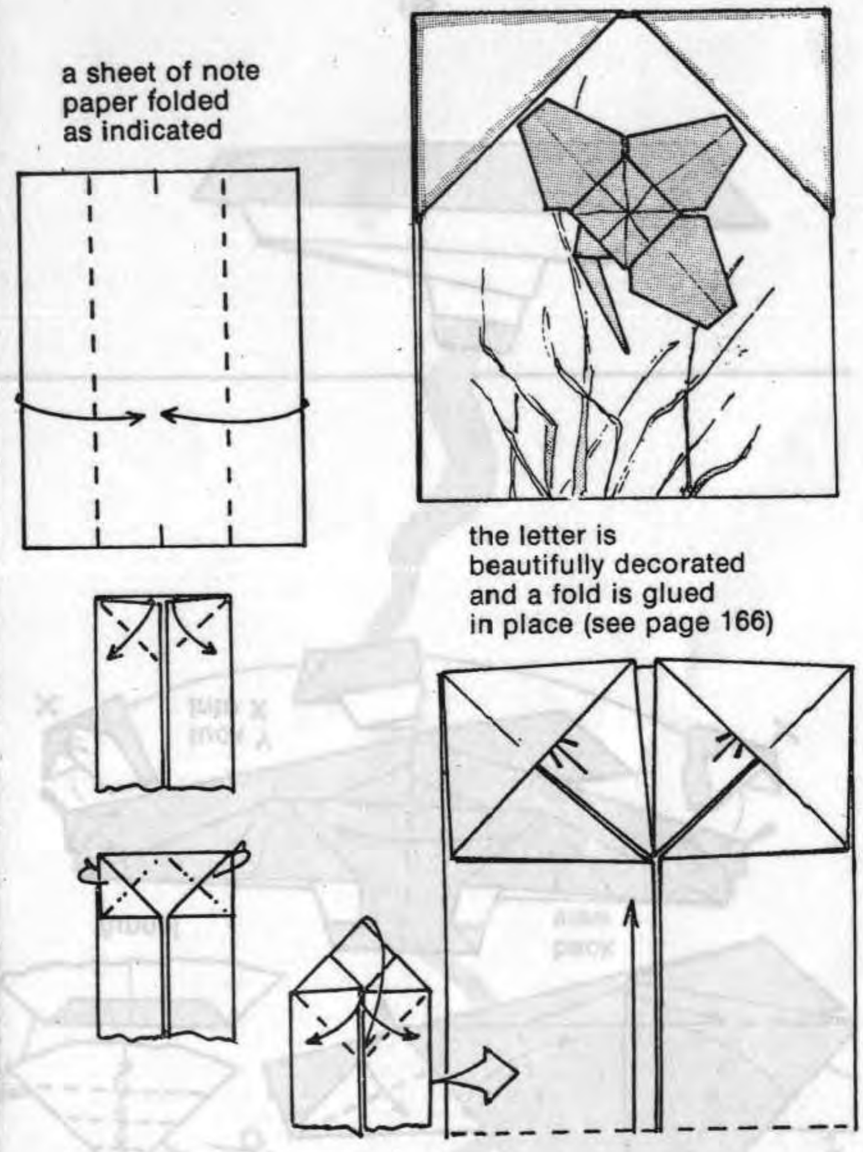


## **Leaf** Amerins Hopman de Jong Holland



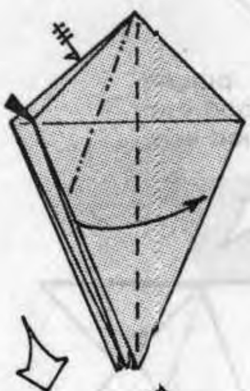


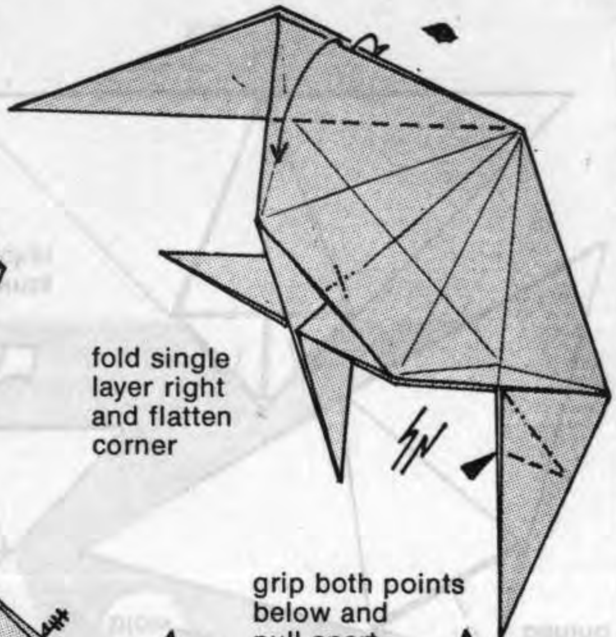

## **Letter** Amerins Hopman de Jong Holland



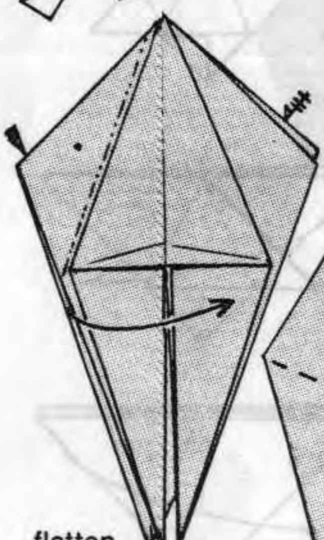
# Angel Fish Dale Walton U.S.A.

use a ~~fish~~ bird base
(page ~~118~~)

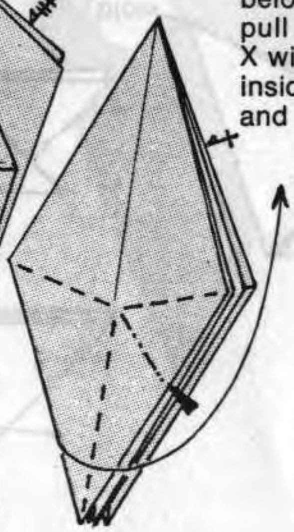




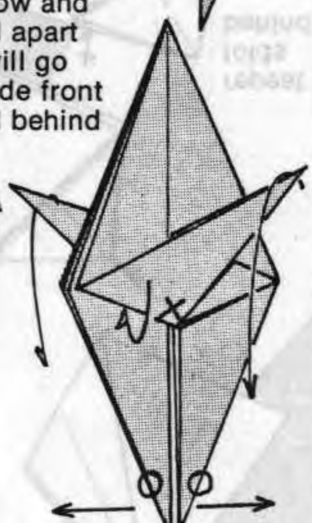
fold single
layer right
and flatten
corner



flatten
again
then twice more



grip both points
below and
pull apart
X will go
inside front
and behind

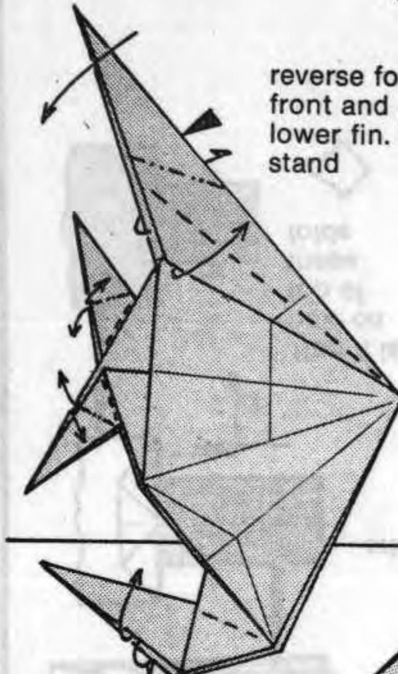


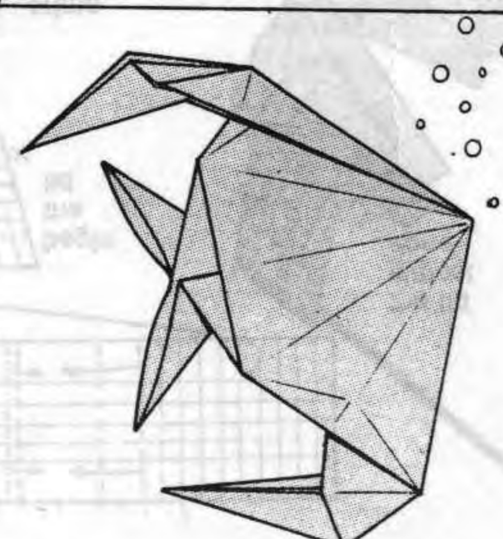


# Angel Fish

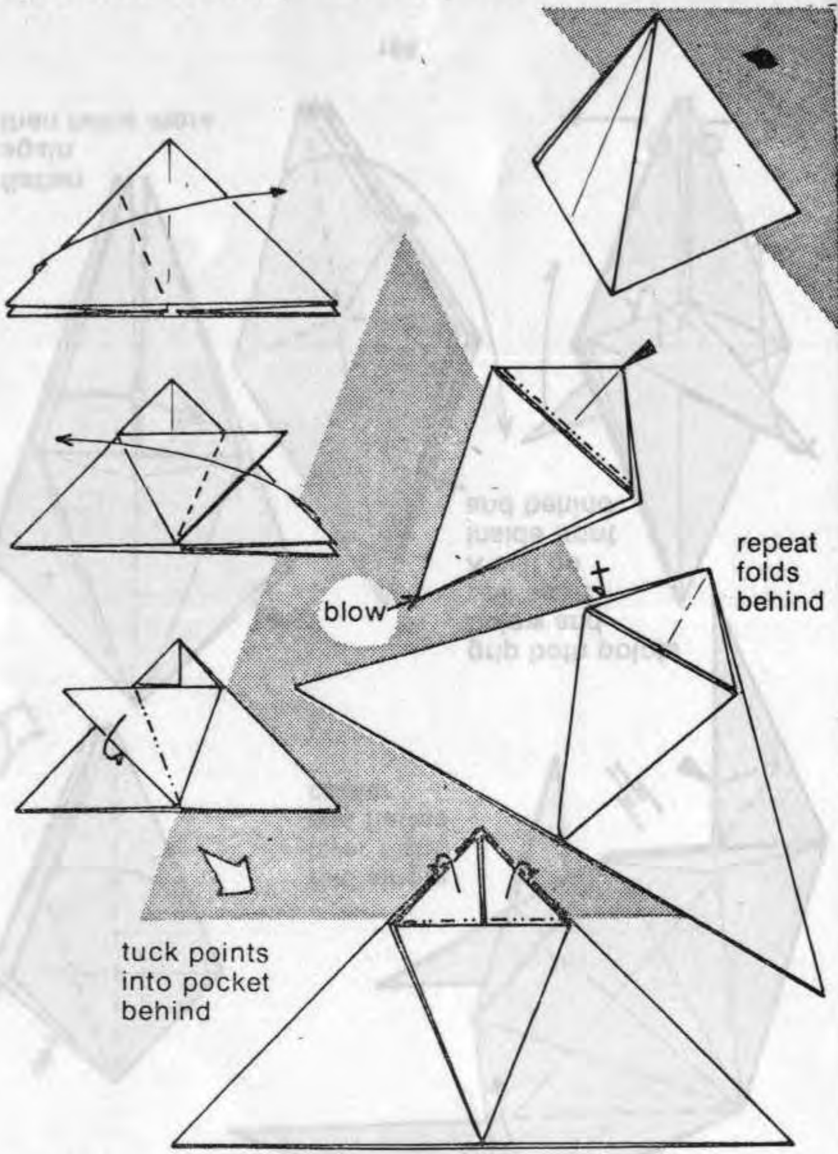
## Such a clever fold

reverse fold fin tip. Valley fold
front and rear. Open out tail fins. Open out
lower fin. Model will
stand





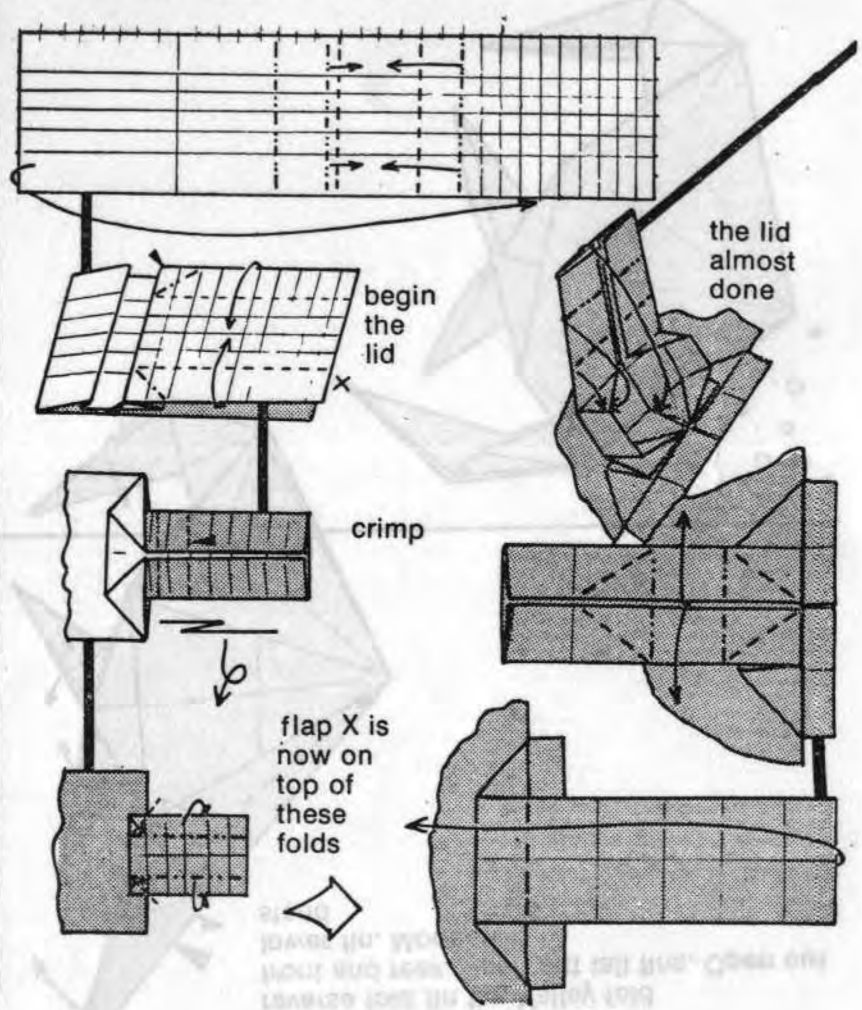
## **Pyramid** Bobby Valkenburg New Zealand



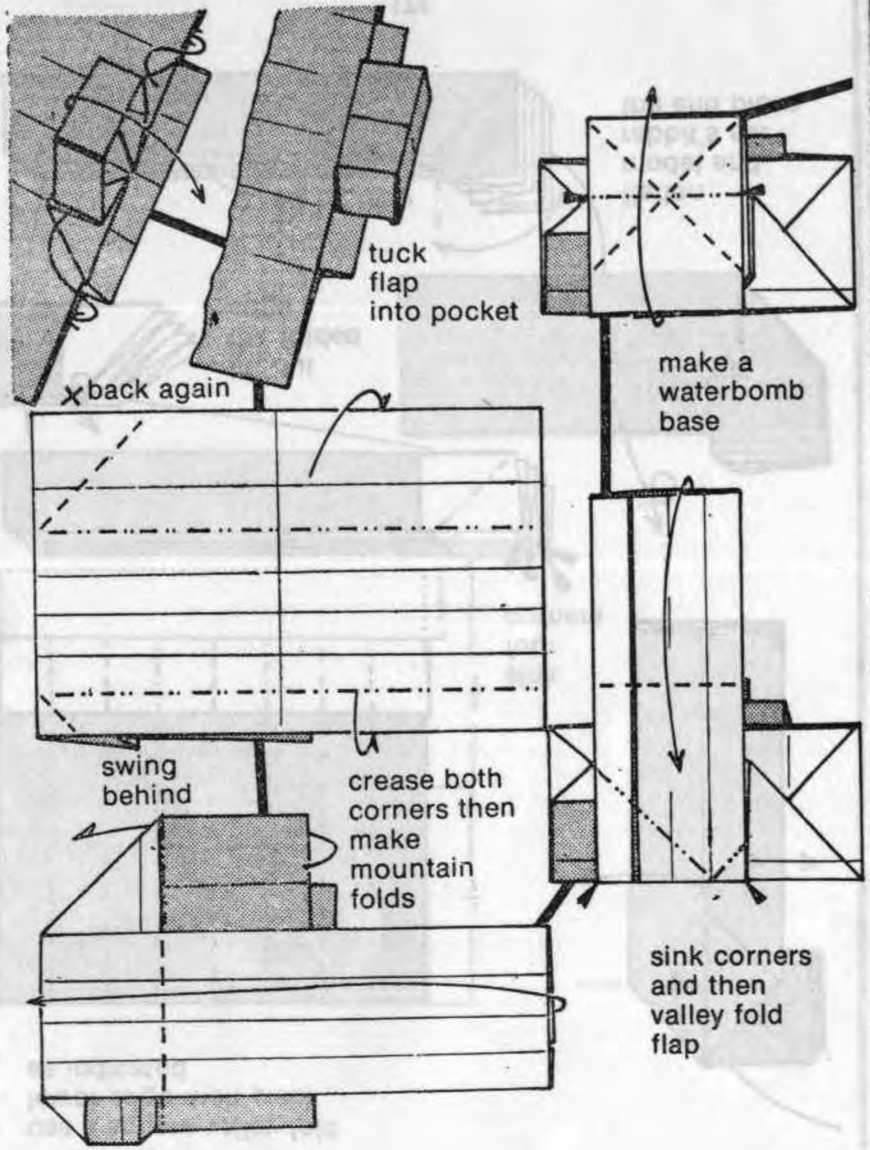



## **Flip-Top** Dave Brill Gt. Britain

use a rectangle of patterned foil 12 × 48cms. Crease carefully as indicated and then make a mountain fold and two crimps.



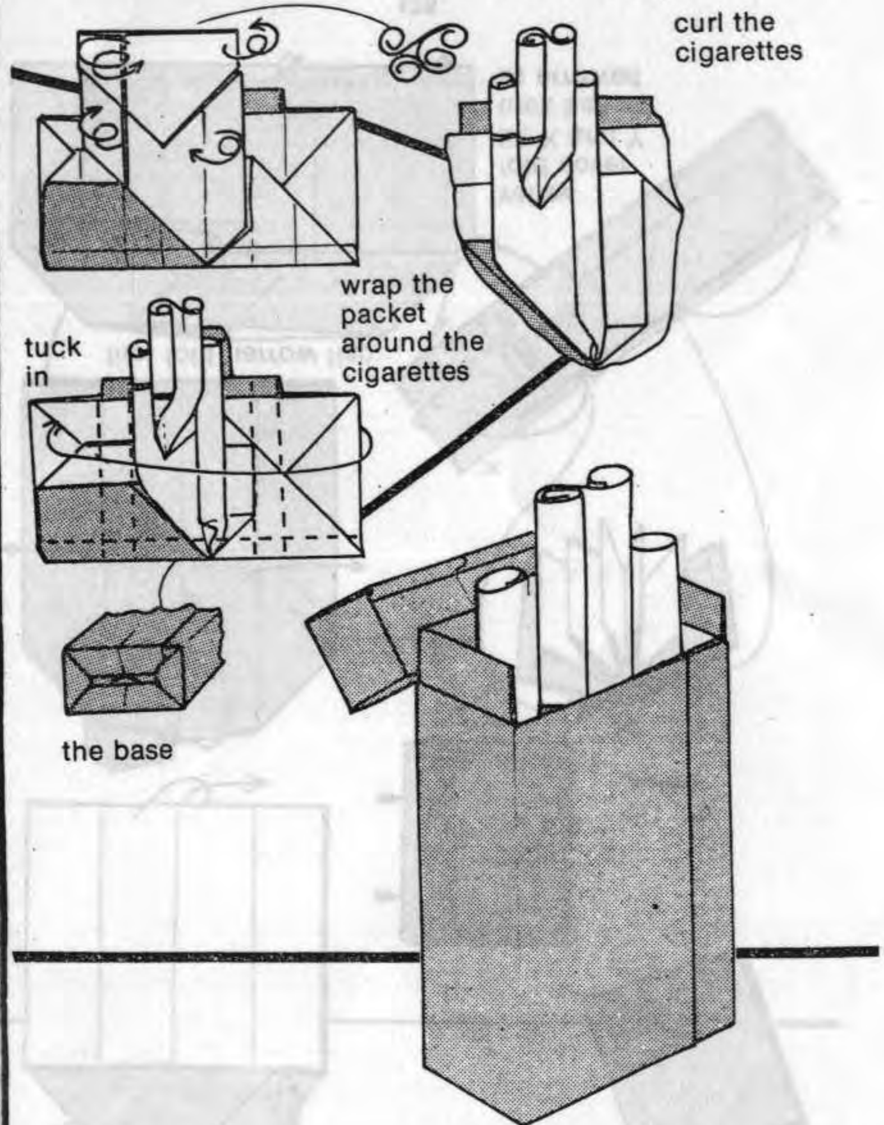
# Flip-Top continued



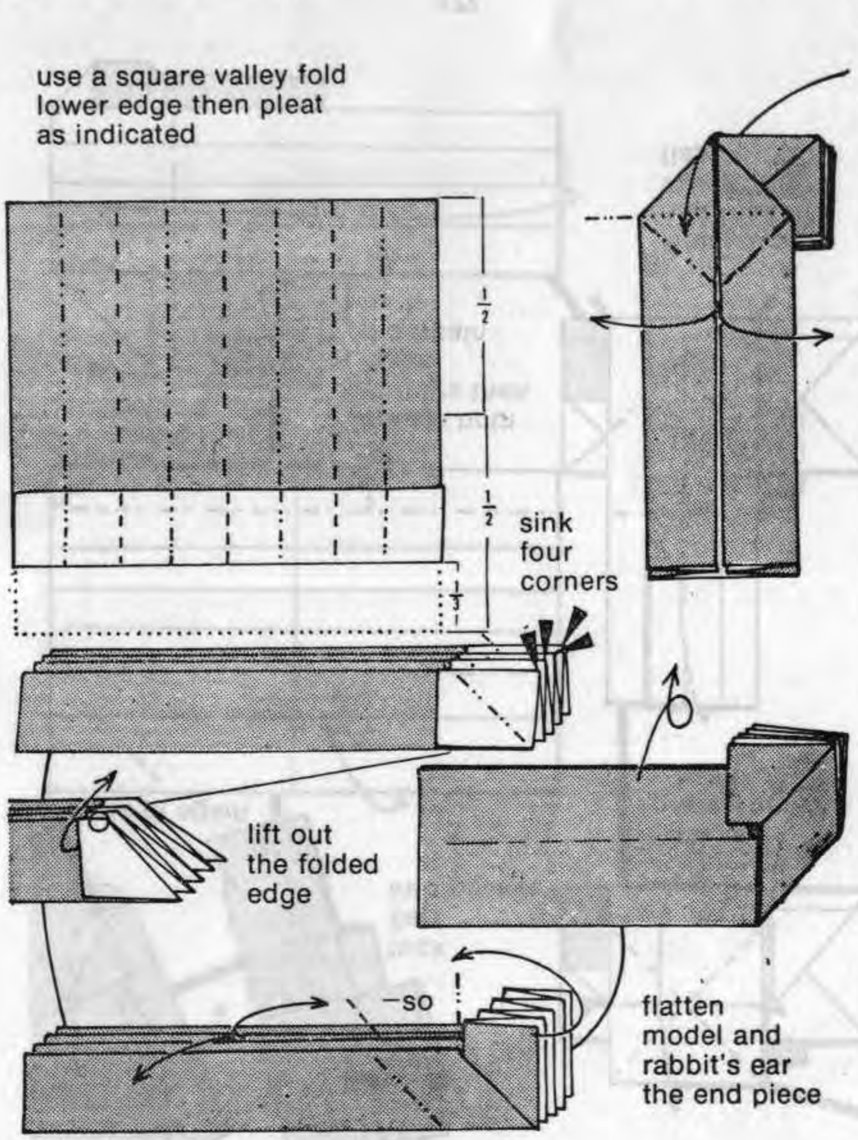



# Flip-Top concluded

## Real magic

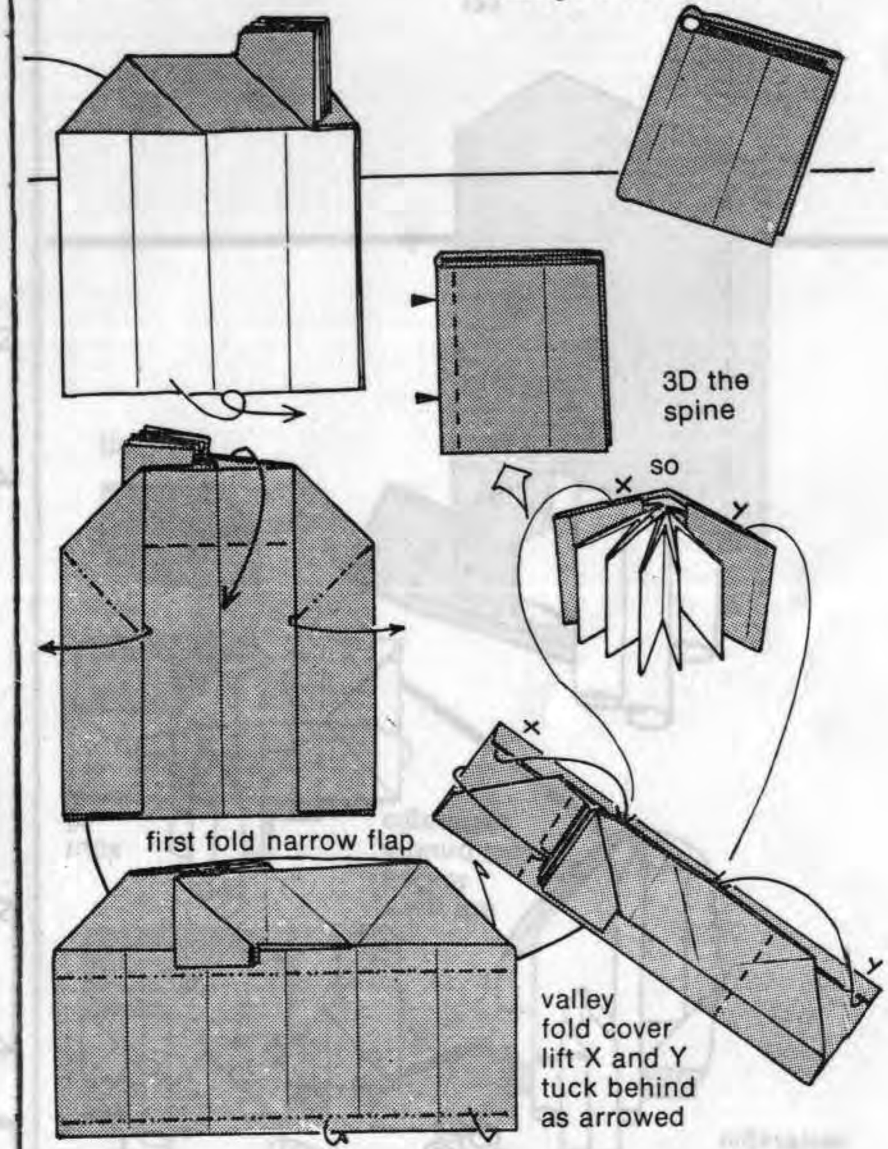


# **Book** Dave Brill — Gt. Britain



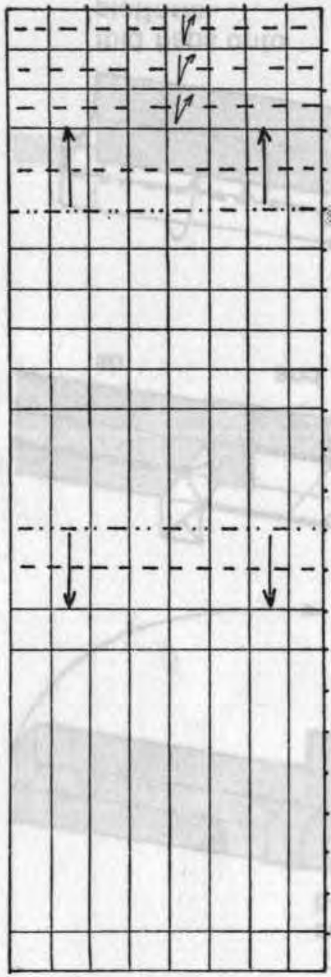



# **Book** concluded — Really different



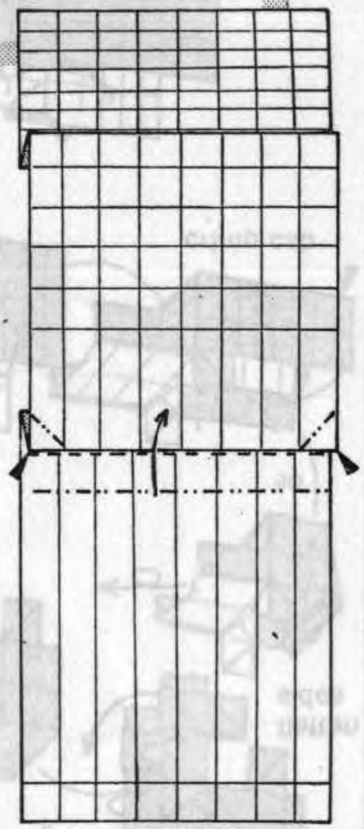
# **Tipper Truck** Max Hulme Gt. Britain

use a 3 × 1 rectangle
crease as indicated
and then fold as shown



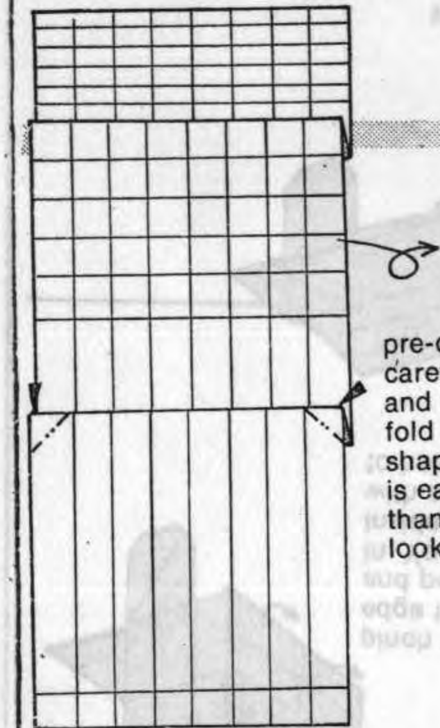
from illustrations
by Dave Venables

all the
creases
make the
model fall
easily into
shape



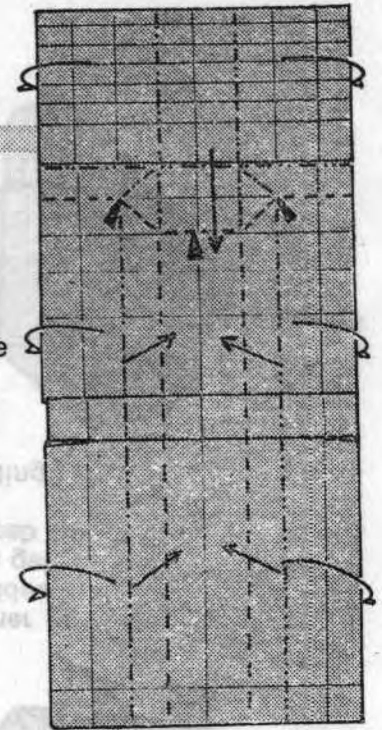


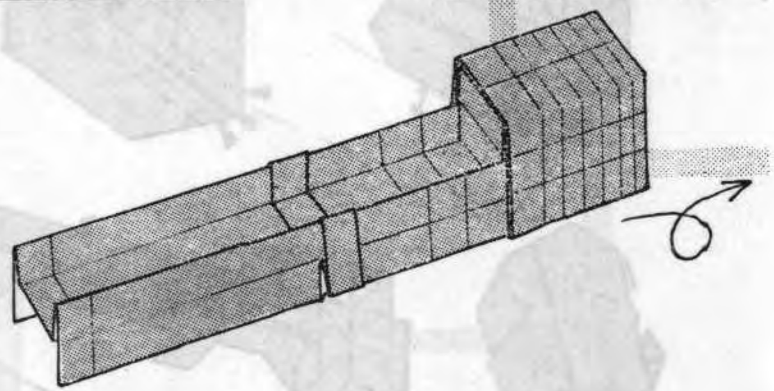
# **Tipper Truck** continued



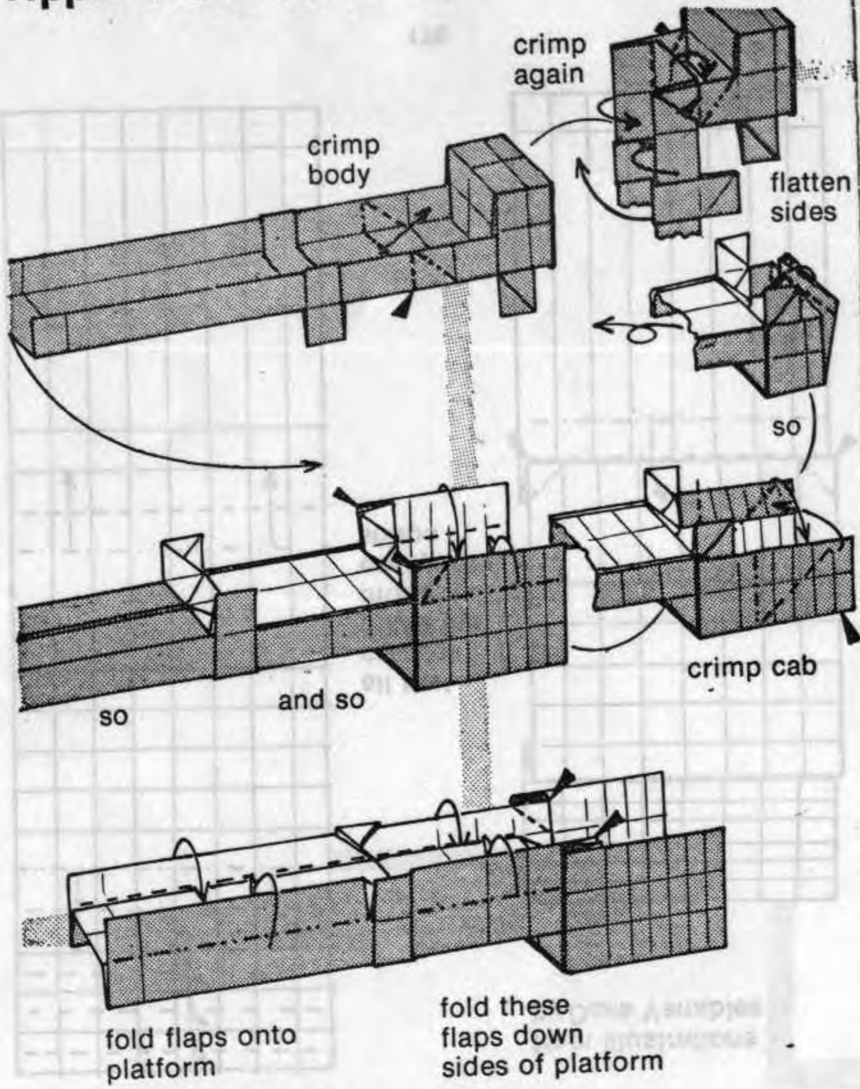
pre-crease
carefully
and then
fold into
shape it
is easier
than it
looks

Concentrate here



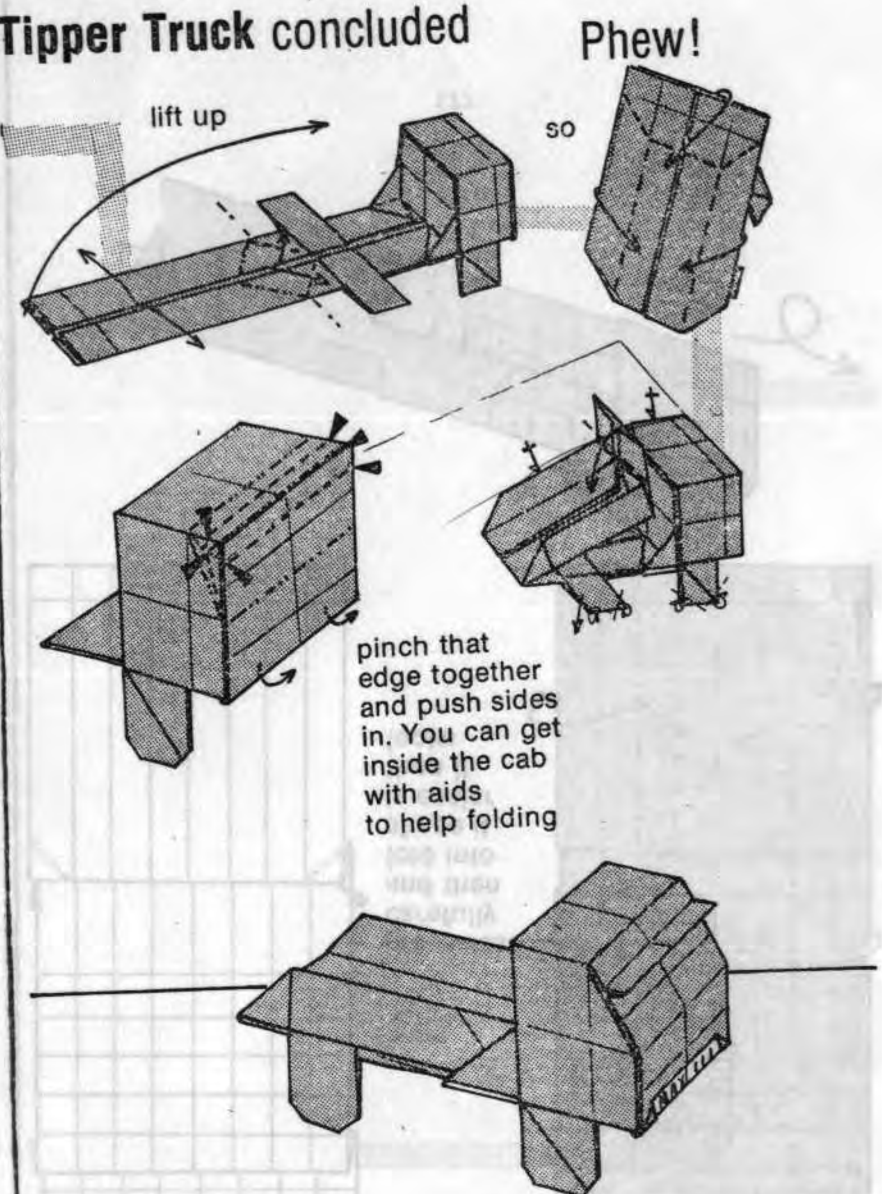


# Tipper Truck continued

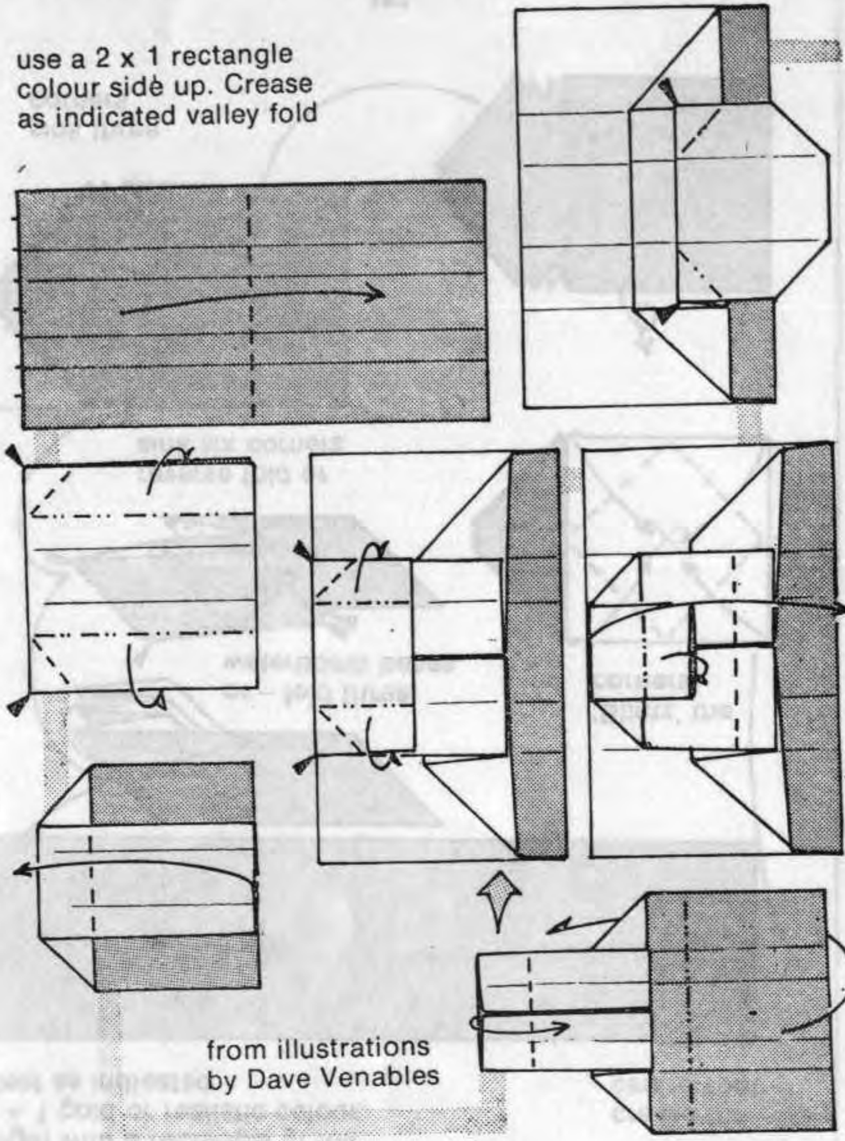





# Tipper Truck concluded

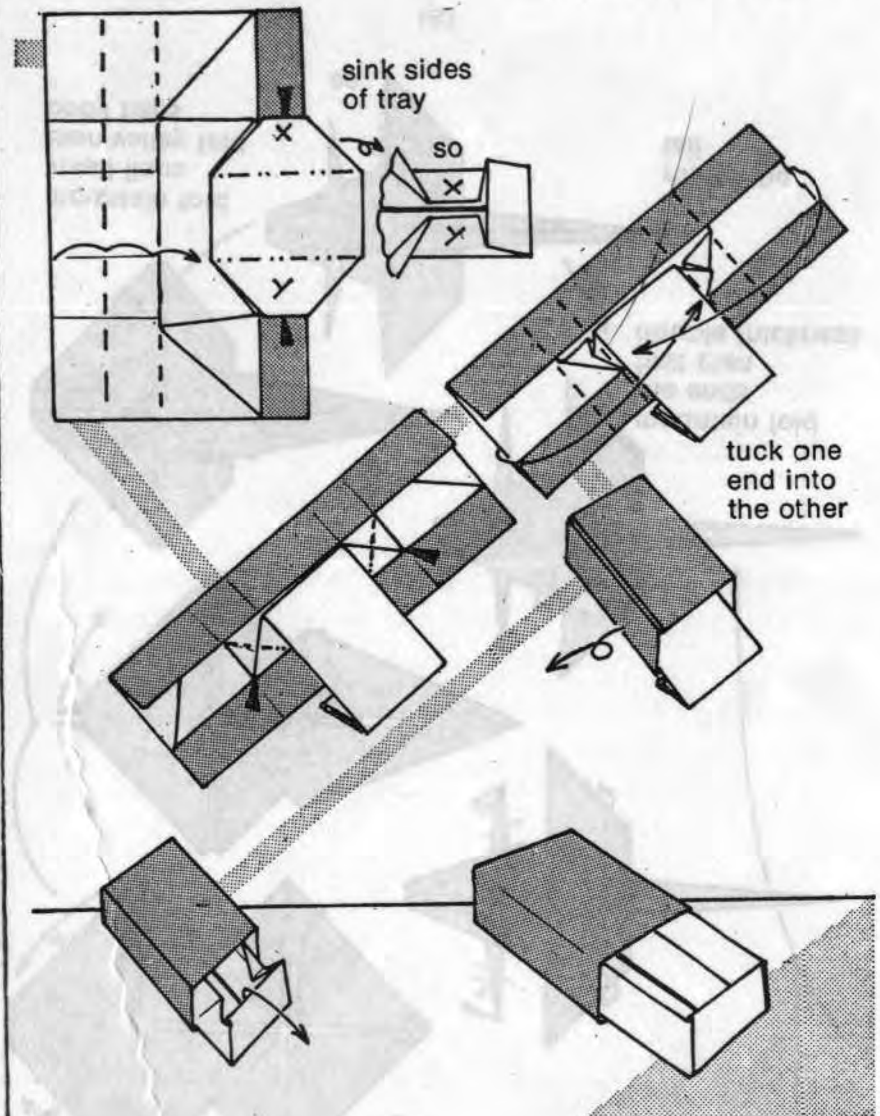


# **Matchbox 2** Max Hulme Gt. Britain



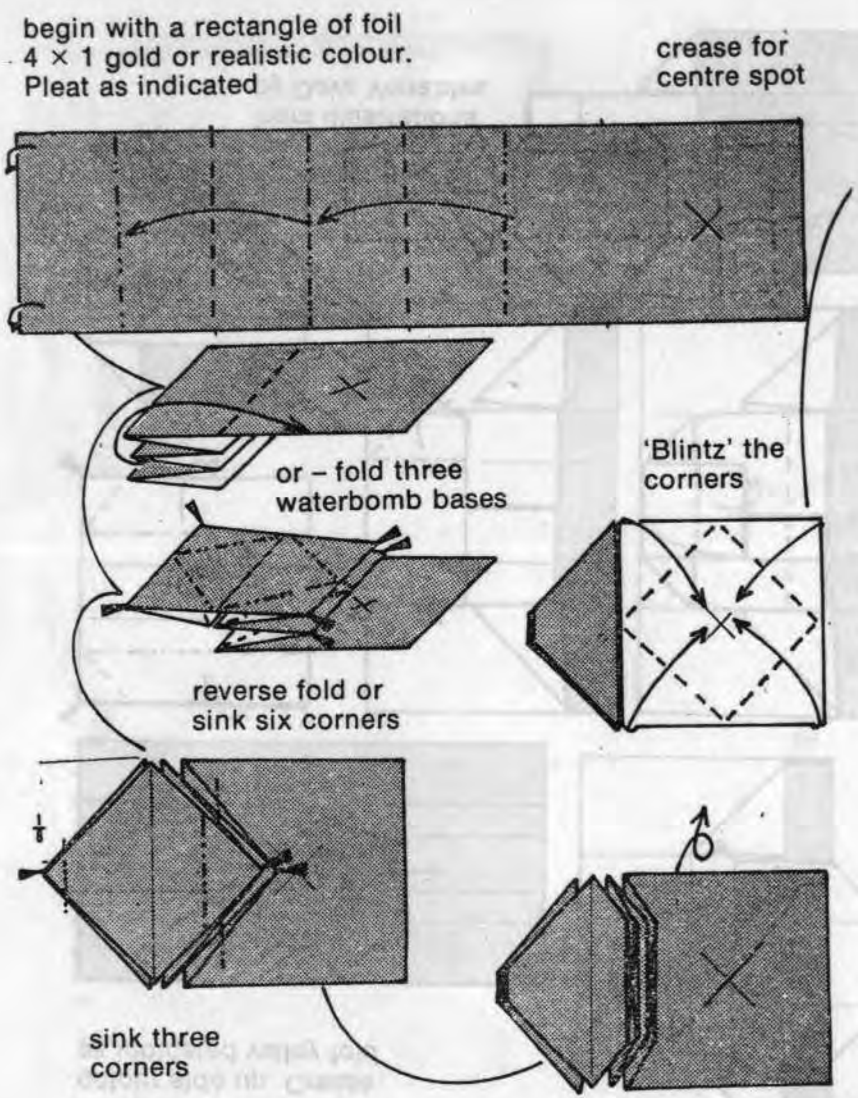



# **Match Box 2** concluded Clever stuff!



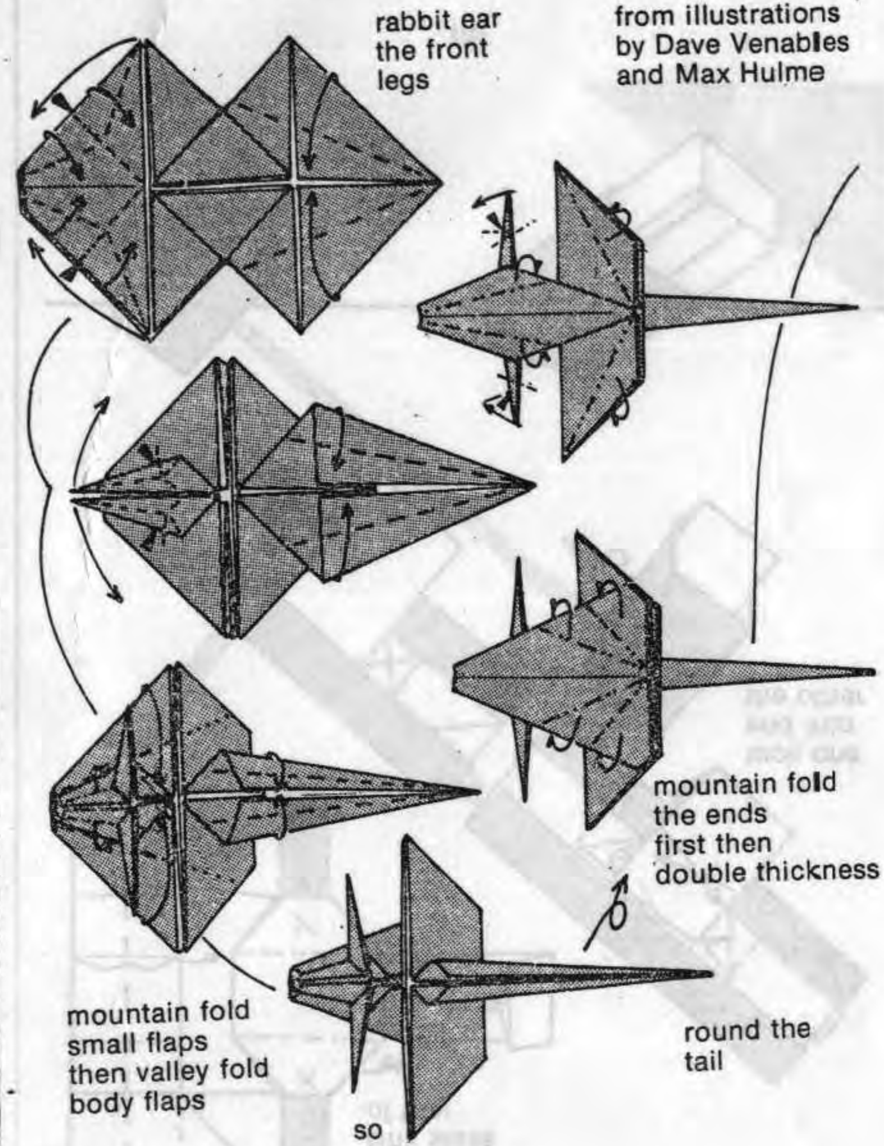
# **Lizard** Max Hulme

Gt. Britain






# **Lizard** continued



# **Lizard** concluded

## Another great fold

